JAMES M. CHARLTON, M.A.

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TEST PAPERS IN INTELLIGENCE

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PREFACE

This book is the third of a series of three books of Test Papers designed to give pupils of the ages ten to twelve practice in answering questions in English Language, Arithmetic and Intelligence.

Intelligence Tests are of supreme value in testing relative ability and progress and are useful for Head Teachers in class-building.

Apart from their intrinsic merit, the Tests are a valuable form of training and stimulation, and pupils are very fond of this particular form of exercise.

The Tests have been set out formally to suit those who wish to use them as such, but teachers will readily adopt their own methods in handling the material, and it is hoped that they will find here much that is helpful.

There is a combined-subject Book of Answers, with a suggested mark-scheme, published separately.

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PAPER ONE

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

The words of the following sentences have been mixed up and one of the words removed and placed in brackets at the end. Choose this word from the three in brackets and write it down.

1. WISE TAKES MAN A IT MAKE A TO (SHOE, FOOL MISTAKE).
2. COWARDS MANY TIMES BEFORE DEATH THEIR (LIVE, DIE, BIRTH).
3. THE BED TO NURSE PUT THE (CHILD, BLANKET, MEDICINE).
4. PAINT WHEN IS WILL STICK TO ONE IT (GREEN, WHITE, WET).
5. A RAIN BRINGS WIND NORTH EAST (NEVER, WHEN, USUALLY).
6. LIVE WITHOUT COULD WE NOT (CHARCOAL, BREAD, FISH).
7. GO BED IF HEALTHY BE TO TO EARLY MUST YOU WISH (THAN, YOU, I).
8. KING THE IN LIVED OLD AN (POST-OFFICE, DUNGEON, CASTLE).

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Each of the following questions is answered by one of the phrases A, B, C, D, E, F, G, H, I, given below. Answer each question by writing down the letter that stands before the suitable phrase.

45. Punctuality means?

46. Generous means?

47. Dare means?

48. Hasty means?

49. Glare means?

50. Seldom means?

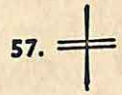
51. Scarce means?

52. Gorge means?

53. Ladle means?

A. Look at someone fixedly. B. Dish out with a spoon. C. Do things in a hurried fashion. D. Not very often. E. Eat a large quantity of food. F. Being there at the appointed time. G. Being kind to people. H. Risk a thing. I. Not many.

If the two strokes in the figures below point to the right of the dividing line, write X : if they point to the left, write Y. If they point to left and right, write Z.

54. **55.** **56.** **57.**  **58.**

The two words in each of the following pairs have the same meaning, but the letters of the words are mixed up. Name them.

59. WITFS UQIKC **60.** EREPC RWLAC **61.** NEO IGSLNE

62. TFI LWEL **63.** WRSAM RWOCD **64.** YLAS LKLI

65. HWRLI PINS **66.** RDPO LFAL

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

Answer these questions on the Alphabet which is set below :

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1. What is the eleventh letter of the alphabet?
2. What is the letter that comes after N?
3. Five letters with curves in them come together. Write them down.
4. If D comes before G, and H after C, write X. If not, write Y.
5. If S=D, T=E, and so on, what would V and Y equal?
6. How many letters are there between F and U?
7. What letter comes after the third letter before Q?
8. If P=3, T=1, C=5, what does P−T+C equal?
9. What is the fourth letter after the second letter before X?
10. What is the letter that comes exactly half-way between H and P?

In the following questions the letters of a word are mixed up.

Find what the word is and write it down.

Example : TEWNIR is a season of the year. **Answer is** WINTER.

11. TAPTOSEO are something you eat.

12. ETA is a drink.

13. WOLFRE is found in the garden.

14. ATWLRE is a boy's name.

15. FBLIULCNH is a bird.

16. CAEMRIA is a country.

17. AMORRW is a vegetable.

18. HCOEKY is a game.

19. LAEPP is a fruit.

20. KRPOE is found near the fire.

In the following there are five words in brackets. Pick out and write down the one word in brackets which is similar to in meaning, or most like, the one at the beginning, outside the brackets.

Example : CATCH. (seize, bring, lose, fall, give). **Answer is " seize " because " catch " and " seize " mean the same.**

21. FAST (moderate, medium, swift, easily, soft).

22. COAST (well, sea, hedge, shore, horizon).

23. JOVIAL (miserable, jewel, fat, timid, happy).

24. STATIONER (guard, driver, shopkeeper, doctor, soldier).

25. ERASE (move out, rub out, fill in, pull down, go to).

26. WEASEL (fish, animal, bird, vegetable, fruit).

In the words RUN RIM RUT BAR ARE the only letter which occurs in each word is R. Write down the letter which occurs in each word in the following rows.

27. CARPET TREACLE BATTLE CREATURE PRESIDENT LOOT

28. SMOKE CRICKET BOOK RECKONER BARRACKS KELLY

29. FALSE GREASE SUGAR TORRENTS RESERVED DAYS

30. HAPPINESS PECULIARITY CORPULENT SIMPLE SLOOP

What arithmetical signs should be placed between each of the following to obtain the results given at the end?

Example: 4 3 7 = 25 **Answer:** $4+(3\times7)=25$

31. 4 5 7 3 = 13
32. 3 1 5 7 4 = 304
33. 2 1 3 8 2 4 = 842
34. 6 7 11 5 = 29
35. SS TS S = SST
36. $\frac{1}{2}\ \frac{1}{4}\ \frac{3}{8} = \frac{3}{64}$

Complete the last part of the following comparisons by choosing the correct word from those that follow in brackets.

Example: Snow is to white as sky is to . . . (green, red, pink, mauve, blue); **"blue" is the correct word, because the sky is blue, just as the snow is white.**

37. Bread is to baker as bark is to (shin, shed, tree, house, pig).
38. Petal is to flower as arm is to (weapon, body, law, oar, seat).
39. Stop is to go as smooth is to (soft, calm, poor, rough, slow).
40. Rich is to wealthy as Mars is to (moon, sun, planet, wind, sea).
41. $\frac{1}{2}$ is to $\frac{1}{4}$ as $\frac{1}{8}$ is to (2, $\frac{1}{16}$, $\frac{2}{8}$, $\frac{3}{4}$, $\frac{3}{8}$).
42. P is to Q as R is to (A, C, B, S, H).
43. Wife is to husband as mare is to (king, horse, fish, cow, hen).

In the following sentences the words are mixed up. When read correctly they are seen to ask a question. Answer this question but do not write out the question.

Example: DWARF IS TALL OR A SHORT? **The question reads** IS A DWARF TALL OR SHORT? **Your answer is simply "SHORT".**

44. IS THE YEAR WHICH OF THE MONTH FIRST?
45. THIRTY EIGHTS HOW IN MANY THERE ARE TWO?

46. PRESENT NAME WHAT THE IS QUEEN'S?

47. IN AFRICA AMSTERDAM IS IS OR IT HOLLAND IN?

48. WORTH HALF MORE IS WHICH A GUINEA SHILLINGS OR TEN?

49. EASTER FALL ON TUESDAY A DOES EVER MONDAY?

Read this : Tom Smith's grandmother, Mrs. Brown, has a son John who has married Miss Green. She also has a daughter, Mrs. Black.

Now answer these :

50. What was Tom Smith's mother's name before she was married?

51. Whom did Tom Smith's grandmother marry?

52. What was Miss Green's name after she was married?

53. What was Mrs. Black's name before she was married?

54. What is John's surname?

55. What relation is Tom Smith to John?

56. What relation is Mrs. Black to John?

The following increase in proportion. Write down the two missing figures which are left blank.

Example : 7, 11, —, 19, 23, —, 31. **The numbers increase each time by 4. Therefore the answer is 15, 27.**

57. 2, 5, 8, —, 14, 17, —, 23, 26.

58. 3, 9, —, 81, —, 729.

59. $\frac{1}{4}$, $\frac{1}{2}$, —, 1, —, $1\frac{1}{2}$, $1\frac{3}{4}$, 2.

60. 1·1, 1·3, —, 1·7, —, 2·1.

61. SX, SSX, —, SSSSX, —, SSSSSSX.

62. L2, —, L4, L5, —, L7.

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

Each of the following proverbs is explained by one of the sentences A, B, C, D, E, F or G, which is printed below. You have to find which sentence explains the proverb in the question. Write down the letter that comes before the sentence as your answer. Do not write out the proverbs and sentences.

1. Give a dog a bad name.

2. Don't put all your eggs in one basket.

3. Many a true word is spoken in jest.

4. Where there's smoke there's fire.

5. In for a penny, in for a pound.

6. Don't spoil the ship for a halfpennyworth of tar.

7. Never put new wine into old bottles.

8. Look before you leap.

A. Be careful what you say, for, although you may not be serious, often what you say comes true. B. When there is something wrong, you can usually detect it at first by

noticing small things wrong. C. If a man has been a rogue, he will never live his bad name down, however much he tries. D. Don't mar the whole by leaving a small fault. E. Always keep something in reserve. F. Think twice before you try anything. G. A small crime is as punishable as a great crime. H. If you are going to alter something, make a clean sweep.

Form a new word from each of the following by re-arranging the letters. You must not use additional letters or leave any out.

9. SPIT **10.** ANGER **11.** DEAL **12.** SMILE **13.** GERMAN

14. PEALS **15.** ROOMS **16.** STOAT **17.** TEAR **18.** STONE

Read this and then answer the questions set at the end.

Four boys, Albert, George, Cyril and Herbert have the following preferences for pets :

Albert likes only dogs and rabbits.
George likes only cats and pigeons.
Cyril likes only cats and white mice.
Herbert likes only dogs and pigeons.

19. Who like dogs?

20. Who like cats?

21. Who likes dogs but not pigeons?

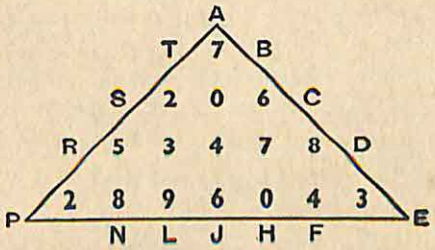
22. Who likes cats but not pigeons?

23. Who like pigeons?

24. Who likes pigeons but not cats?

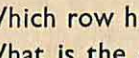
25. Which pets are the least popular?

In the triangle below you will find that rows of figures run across and down. The letters outside the triangle are used to indicate the different rows. Answer the questions that follow.

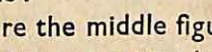


26. How many figures are there in row TB?
27. Add up the figures in row BN.
28. What is the second figure in row SC?
29. Subtract the third figure in row JA from the fifth figure in row PE.
30. Subtract row TL from row RD.
31. Which row has the most odd numbers?
32. What is the difference between the two numbers in row NS?
33. Are the middle figures of DR and TL the same?
34. Point out a row in which the one figure is twice as much as the other.

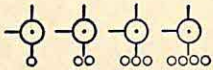
These drawings and combinations of letters and figures follow in a certain succession. Add the next two in each case.

Example:  **. Answer: the next two in succession would be** **.**

35. B6 C28 D50 E72 .. .. **36.** p4q r5s t6u .. ..

37.  .. .. **38.** 56-8 56-9 56-10 56-11 .. ..

39. .. ..

40.  .. ..

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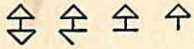
42.  .. ..

The following are the names, with the letters mixed, of seas and oceans. Name each one.

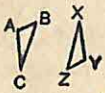
43. DNINAI **44.** CPCFAII **45.** ROLCA **46.** OTHRN
47. DRE **48.** LATNICAT **49.** RSIHI **50.** HWTEI
51. LBACK **52.** CRTAIC

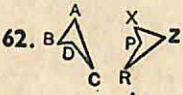
Say which is the least "important" of the three in the following :

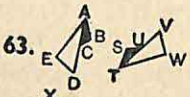
Example : inch, yard, foot. **Answer is "inch".**

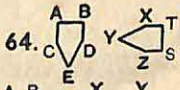
53. king, emperor, count. **54.** wound, scratch, gash.
55. more, much, most.
56. half-crown, sixpence, shilling.
57. cart, wheel-barrow, truck.
58. inspector, constable, sergeant.
59. speak, shout, whisper. **60.** try, conquer, strive.

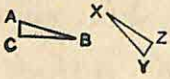
Look at the following drawings. Each pair is identical, but they both do not face the same way. Show how you would place one on top of the other to fit exactly, by stating what line of the second figure you would place on AB in the first.

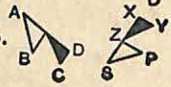
61. 

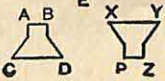
62. 

63. 

64. 

65. 

66. 

67. 

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

Make a new word by adding one letter before each of these :

1. ELECT **2.** INK **3.** END **4.** HIGH **5.** WELL

Make a new word by adding one letter (not " s ") after these :

6. SAVE **7.** BAN **8.** UNIT **9.** PEN **10.** TEA

Make a new word by adding two letters before each of these :

11. PROVE **12.** PRINT **13.** TREAT **14.** LIFT **15.** STEP

Make a new word by adding two letters after each of these :

16. OFT **17.** FLOW **18.** WE **19.** EXACT **20.** MOTH

The following numbers are in succession except for one in each case. Write down the number that is not in succession.

Example : 15 30 45 25 60 75. **The numbers go up by 15, so that 60 should follow 45, not 25. The answer therefore is " 25 " because it comes out of succession.**

21. 3 7 11 13 15 19 23 **22.** $1\frac{1}{4}$ $2\frac{3}{4}$ $3\frac{1}{2}$ $4\frac{1}{4}$ $5\frac{3}{4}$ $7\frac{1}{4}$

23. 18 15 14 12 9 6 3 **24.** 44 33 22 15 11

25. 10 20 30 45 40 50 **26.** $\frac{1}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ 1 $1\frac{1}{2}$

The following symbols stand for the names of royalty in various countries ; work out the questions below :

A stands for KING : *a* for MARY : i for of ENGLAND
B stands for QUEEN : *b* for JOHN : ii for of ITALY
C stand for PRINCE : *c* for WILLIAM : iii for of GREECE
D stands for PRINCESS : *d* for ELIZABETH : iv for of NORWAY

Example : bAiv **would mean** John King of Norway.

27. Who is cAiv? **28.** dBii? **29.** cCi? **30.** aDiii? **31.** bAi?

What symbols would represent the following?

32. ELIZABETH PRINCESS OF NORWAY.
33. JOHN PRINCE OF GREECE.
34. MARY QUEEN OF ENGLAND.
35. WILLIAM PRINCE OF ITALY.
36. ELIZABETH QUEEN OF ENGLAND.

Answer this :

37. A, B, C, D represent four presents. I am allowed any two presents, but only two. In how many ways can I choose the two? Give your answer by showing the combinations—AB, etc.

Read this, then answer the questions set at the end.

A is an odd number between 7 and 11 : B is equal to A+4 : C is three smaller than B : D is equal to half E : E is equal to B – A.

38. What is E worth?

39. What is $D + E$?

40. What is $C - D$?

41. What is $A + B + D - C$?

42. What is D times A?

43. What is $\frac{A+B}{D}$?

Using the same letters and numbers as above, write down the arrangements of letters and signs that would give the following as answers :

Example : $A + B - C$ and so on.

44. 5 **45.** 12 **46.** 30 **47.** 3 **43.** 4 **49.** 11 **50.** 38

Read this and then answer the questions set at the end.

MARY was older than JANE but younger than FRED.

FRED who was MARY'S cousin, was the same age as HELEN.

HELEN had a brother older than herself called TOM.

TOM was MARY'S brother.

51. Who was the youngest?

52. Who was the eldest?

53. Who were the same age?

54. Was MARY older or younger than HELEN?

55. Was MARY younger or older than TOM?

56. Was JANE older or younger than FRED?

57. Was FRED older or younger than TOM?

58. What relation was HELEN to MARY?

59. What relation was FRED to TOM?

Answer these :

60. A clock seen through a mirror reads 10 minutes past four. What is the correct time?

61. Why cannot a book-mark be placed between pages 11 and 12 in a book?

Read through the following and then answer the questions.

> Fifty years ago flocks of ostriches were to be seen in almost all parts of Cape Colony. The salt soil, the sweet grass, and the dry air of the Karroo plains seem necessary for their health. At that time the feathers were the product of the chase; to obtain the much-prized plumage, the birds were hunted and killed. This practice was not only cruel, but it imitated the folly of the man who killed the goose for the sake of the golden eggs.

62. When were ostriches seen?

63. Where were they seen?

64. What three things made them thrive?

65. Why did men hunt them?

66. Why could they no longer hunt them?

67. Why does the writer say that the hunters "imitated the folly of the man who killed the goose that laid the golden eggs"?

68. Is Karroo in America?

69. Did ostriches live in the mountains?

70. What word would you give to a collection of ostriches?

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

If the following words in pairs are alike in meaning write X : if they are the opposite of each other write Y : if they have no likeness to each other write Z.

1. grass hay **2.** life death **3.** wet moist
4. in out **5.** scent smell **6.** health anxiety
7. scarce few **8.** kitchen chauffeur **9.** piano flute
10. tranquil rough

The following are the names of animals with the letters mixed. Write down the correct names.

Example : GIP. **Answer—PIG.**

11. AGKONORA **12.** LINO **13.** LPEEAHTN **14.** PEA
15. PEHES

Choose the correct word in each case from those in brackets :

16. (I, we, they) was standing in the **17.** (end, middle, first) of the road watching **18.** (some, a, few) flock of sheep that **19.** (are, was, am) coming **20.** (his, her, my) way.

Choose the correct word, from those given in brackets, which completes the following sentences :

21. John is a (dish, town, boy, crowd, ship).

22. Peculiar means (meddlesome, strange, careful, clean, new).

23. False is (trick, untrue, dance, scarce, mean).

24. Cauliflower is a (fruit, vegetable, wallflower, wheat, fish).

25. Mutton is (dog, cow, pig, rabbit, sheep).

Read the following and then answer the questions set at the end.

John and Tom were late for School on Tuesday.
Henry and John live farthest from School.
Only Fred and Tom have never been late before.

26. Who lives farthest from School and was late?

27. Who was late who had never been late before?

28. Who has never been late?

29. Who lives farthest from School and was not late on Tuesday?

30. Does Tom live farther from School than John?

Answer these :

31. If steel is harder than lead write Z, if not, write Y.

32. If there are more vowels than consonants in VOWEL write P, if not, write S.

33. If 65 is an odd number write F, if not, write Q.

34. If eyelash is higher than eyebrow, write M, if not, write N.

The following sentences are incomplete and have their words mixed. Give the word that completes the sentence in each case.

Example : IT IN WARMER SUMMER WINTER IS IN (T – – N). **The sentence should read "** It is warmer in Summer than in Winter." **The word "than" (T - - N) was missed out.**

35. EAT COWS GRASS AND (H – Y).

36. IS WINTER FOOTBALL THE KING OF (S – – – – S).

37. HORSES RIDDEN IN ARE RACES BY (J – – – – – S).

38. MOTORING PLEASANT IS DURING A (H – – – Y).

39. FROM NEGROES WEST COME SOME FROM (A – – – – A).

40. THAN AEROPLANE MUCH IS FASTER AN A (T – – – N).

Point out what figures or letters are common to each item in the following groups.

Example : 141, 132, 412, 515. **You will notice that only the figure 1 occurs in each item. Therefore 1 is the figure common to each item.**

41. TTSSM TSDSH GSDSH STDHS.

42. 161 173 371 414.

43. $\frac{7}{8}$ $\frac{3}{8}$ $\frac{5}{8}$ $\frac{1}{8}$.

44. PH23 2HP4 4HP2 H5M2.

45. J$\frac{3}{4}$B43 4BJ2$\frac{3}{4}$ $\frac{1}{2}$B64C 4CJB$\frac{3}{4}$.

46. LII LIIM MIL HILL.

Answer these :

47. How many letters that come after P in the alphabet are contained in RESTAURANT?

48. PASTURE?

49. How many letters that come between F and M in the alphabet are contained in HORTICULTURE?

50. FIGHT?

51. LIGHTNING?

52. A man was walking directly north. He turned left at right angles, then left again at right angles. In what direction was he now walking?

53. If he turned right round what direction would he now face?

54. If he walked in this direction and then turned at right angles to his right, which direction would he now be facing?

55. If he now turned right round where would he face?

Read the following sentences. You will notice that they do not read as the author obviously intended. Re-write each sentence as it should have been written.

56. Wanted : a chair for a lady with Queen Anne legs.

57. Lost : a locket with a chain between London and Oxford.

58. Mrs. Smith was there suffering from a cold and her husband.

59. She said she wanted a pram for her baby with rubber tyres.

60. Here was the very house for a family with electric fittings.

A B C D E is a code which represents the figures 1 2 3 4 5, but not in that order. A is an odd number : B is neither 4 nor 5 : C is 1 : D is either 4 or 5 : E is not 2, 3 nor 4.

61. A is? **62.** B is? **63.** C is? **64.** D is? **65.** E is?

What figures would represent the following words in this code?

Example : BAD **would be represented by something like** 143, **but of course not in those figures exactly or that would give away the answer.**

66. BEAD **67.** DAB **68.** CAB **69.** DEED **70.** ADDED

S.C.E.R.T., West Bengal
Date.....
Acc. No.....

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

Make one new word by taking away one letter from each of these :

1. SMOCK **2.** GOAT **3.** STAR **4.** FIRE **5.** CHARTER

Make one new word by taking away two letters from each of these :

6. STEAL **7.** PANTS **8.** REVEAL **9.** CREATE **10.** EASTER

Make one new word by taking away one letter and adding another letter to each of these :

11. TEAK **12.** SMITE **13.** PECK **14.** GOAD **15.** ROOM

Which letter occurs the most often in each of the following groups ?

Example : SLID, SIP, DIP, HIP—**the letter that occurs the most often is " I ", as it comes in every word.**

16. TREE, STREET, ARE, RUN.

17. PEA, DEPEND, WRAP, APPEAR.

18. SMILE, FIX, MILK, INK.

19. UNDER, NEVER, PAN, NOOK.

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Which letter occurs the least often in each of the following groups?

20. EGG, FEATHER, FATHER, MEAT.

21. GRATE, TREAT, TEAR, EAT.

22. SMOKE, SOAK, BEAK, MAKE.

23. POLITE, POLICE, PILOT, POLE.

Read through the following and then answer the questions set at the end.

Tom, Philip and Mary have the same mother, Mrs. Smith.

Henry, Martin and Margaret have the same father, Mr. Brown.

Mr. Brown and Mrs. Smith are brother and sister.

Mary is younger than Henry and Martin, but older than Margaret.

24. What is the name of Tom's father?

25. What relation is Mary to Philip?

26. What relation is Martin to Henry?

27. What relation is Henry to Tom?

28. What relation is Mary to Mr. Brown?

29. Is Margaret older or younger than Martin?

30. What relation is Mr. Brown to Mr. Smith?

Find which of the following sentences has a sentence A, B, C, D, E, F, similar in meaning. Write down the answer to each question by giving the letter that stands before the " similar " sentence.

31. It is no use crying over spilt milk.

32. A bird in the hand is worth two in the bush.

33. A stitch in time saves nine.

34. A friend in need is a friend indeed.

35. All that glitters is not gold.

36. Little wealth, little care.

A. Take your chance when you have it. B. Do not put off things until another time in case they become worse. C. Do not judge by outside appearances only. D. Only your best friends come to you when you are in trouble. E. If a thing is done, it is done, and nothing will alter matters. F. The possession of wealth carries many responsibilities.

Complete the following comparisons :

Example : Up is to down as fast is to (secure, slow, in, across, firm). **"Slow" is the answer because just as "up" is the opposite of "down," so is "fast" the opposite of "slow."**

37. Stop is to go as light is to (green, dark, heavy, small).

38. A is to Z as first is to (soon, last, second, late).

39. Milk is to cow as honey is to (ape, scent, heather, bee).

40. $\frac{1}{8}$ is to $\frac{1}{2}$ as $\frac{3}{8}$ is to (1, $\frac{1}{4}$, $\frac{3}{4}$, $1\frac{3}{8}$).

41. Smooth is to calm as rough is to (tranquil, sea, stormy, mild).

42. Hope is to despair as freedom is to (faith, worry, slavery, liberty, charity).

What arithmetical signs should be placed between each of the following to obtain the results given at the end?

Example : 3 7 1 = 20. **Answer :** $3 \times 7 - 1 = 20$.

43. 5 6 7 = 18.

44. 3 5 2 = 30.

45. 7 8 1 = 15.

46. 5 6 6 = 5.

47. $1\frac{1}{8}$ $1\frac{3}{4}$ $2\frac{3}{8}$ = $\frac{1}{2}$.

48. $6\frac{3}{4}$ 2 $\frac{1}{2}$ = 13.

If the words in the following pairs are alike in meaning, write X : if they are the opposite of each other, write Y : if they have no likeness, write Z.

49. swim sink. **50.** help aid. **51.** wring fold.

52. up down. **53.** pig pork. **54.** brawn dwarf.

55. hopeless senseless. **56.** far near. **57.** Venus Mars.

A tradesman marked his goods in a code. For 15s. 6d. he wrote AE/f and for 2s. 3d. he wrote B/c. Find out what was his code and then answer the following. What code did he write for

58. 3s. 7d.? **59.** 17s. 1d.? **60.** 6s. 8d.? **61.** 14s. 4d?

What prices were represented by the following?

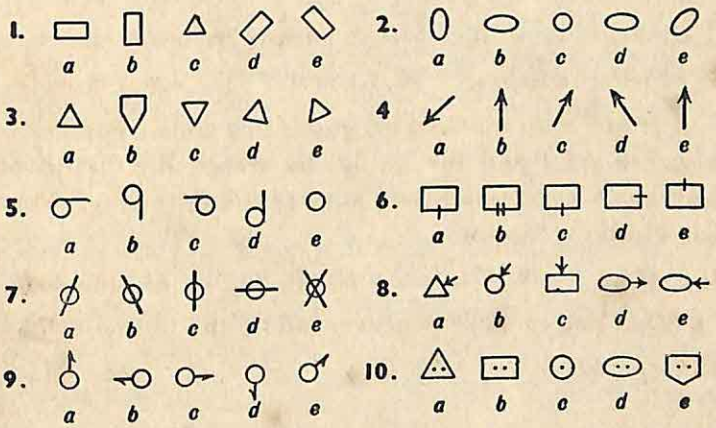
62. I/i. **63.** BI/b. **64.** EE/a. **65.** C/d. **66.** A/f.

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

One of the drawings in the following rows is unlike the others in some way. Find the "different" drawing and say what position it is in the row—a, b, c, d or e



The following are the names of boys and girls with the letters mixed up. Write down the correct name in each case.

11. DEAWDR. **12.** OTRBER. **13.** RMTRAGAE. **14.** LLMIWAI.
15. YONVEN. **16.** ELHNE. **17.** EEANLRO. **18.** USE.
19. EHYNR. **20.** YSAID.

Answer the following questions :

21. There were seven in a race and I was last but two. In what position did I finish?

22. How many more odd numbers than even are there in 8431653?

23. If there are more vowels than consonants in REPRESENT write X, if not write Y. If there are the same number, write Z.

24. If I increase my speed half as much again, and my brother increases his twice as much, provided we are now running at the same rate, who will win?

25. Write the letter that occurs most often in ALPHABET.

The following increase in proportion. Write down the figure or letter which is left blank.

26. 3, 5, 7, —, 11, 13. **27.** 5, —, 15, 20, 25.

28. 2, 4, 8, —, 32, 64. **29.** DT, DDT, —, DDDDT, DDDDDT.

30. $\frac{1}{2}$, $\frac{1}{4}$, —, $\frac{1}{16}$, $\frac{1}{32}$. **31.** $2\frac{3}{4}$, —, $3\frac{1}{4}$, $3\frac{1}{2}$, $3\frac{3}{4}$.

The word SEPTEMBER is written in code 568364769, 5 standing for S, 6 for E, 8 for P, and so on. Now find what are these words which are written in the same code.

32. 464769. **33.** 96464769. **34.** 86369. **35.** 364869.

Read through the following and then answer the questions set at the end.

Six cars, each of a different colour, went past a garage. The colours were green, blue, black, red, cream and brown. The blue and cream cars were large. The others were small. Two of the small cars, not green or black, were going fast.

Only one of the small cars, not black and not going fast, was heading north.

Only one of the large cars, not cream, was heading south.

36. What colours were the small cars?

37. What were the colours of the two small cars going fast?

38. What was the colour of the small car heading north?

39. What was the colour of the large car heading south?

40. In what direction was the black car heading, knowing that the road ran straight north and south?

41. in what direction was the cream car going?

42. Was the red car fast or slow?

43. In what direction was it heading?

Arrange the following in the natural order.

Example : close, warm, hot, scorching, etc.

44. Thursday, Friday, Monday, Sunday, Tuesday, Wednesday, Saturday. (Begin with Sunday.)

45. toe, ankle, waist, knee, neck, head.

46. early, very late, punctual, very early, late.

47. hour, second, month, year, minute, day, week.

48. long, covet, yearn, wish, like.

49. 4356, 4354, 3456, 2345, 5446, 5439.

50. cherry, plum, lemon, melon, grape-fruit.

Choose the correct word from those in brackets to complete the following sentences. Do not write out the whole sentence.

51. Long live the (miser, kaiser, king, monkey, plague)!

52. It's a long lane that has no (start, middle, edge, turning).

53. Where there's smoke there's (coal, wood, stone, flint, fire).

54. Petrol is used for (vegetables, cars, animals, meals, trains).

55. A Manxman comes from (Ireland, Iceland, Isle of Man, Jersey).

Write down the word from the given list which "pairs" with the word in each of the following questions:

Example : **1.** fish **2.** lamp **3.** cat **4.** leaves
shines, swims, rustle, mews.

Answer : **1.** fish swims **2.** lamp shines **3.** cat mews
4. leaves rustle

56. moon **57.** dog **58.** torrent **59.** baby **60.** brakes

61. siren **62.** window **63.** donkey **64.** bell **65.** tap

wails, rattles, barks, cries, screech, tolls, drips, roars, brays, shines.

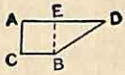
INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

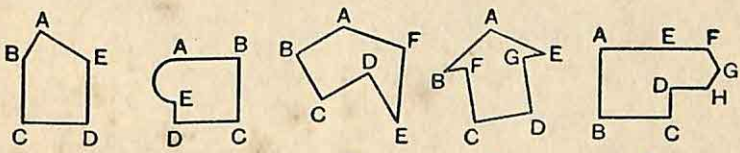
Look at the following diagrams. By one straight cut it is possible to make each into a perfect square. Show how this can be done by describing the straight cut as BC or EF, etc.

Example :



Here the straight cut is BE, which leaves ACBE a perfect square.

Now do these :



1. 2. 3. 4. 5.

Here is the alphabet. Now answer the questions set below.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

6. What are the first and last letters but one of the alphabet?

7. How many vowels are there between the third and twentieth letters?

8. Make up a word using the first two vowels and the last but six consonant of the alphabet.

9. Give the letter half-way between M and S. What letter follows?

10. Give the third letter after Q.

11. Give the third after V.

12. How many more consonants than vowels are there in the alphabet?

13. Give the second letter after the midway letter between T and Z.

14. Make up a word using the first letter of the alphabet once, the fifth twice, and the nineteenth once, in any order.

15. What is the smallest number of consonants that comes between any two vowels in the alphabet? Write the consonants down.

The following names of various things have the letters mixed up. What are they?

Example: WAS (a tool). **Answer:** SAW.

16. XEVIN (an animal).

17. CEGRBIE (seen in the Arctic).

18. ROLPRLPEE (something that goes round).

19. TNA (an insect).

20. MPEH (a kind of rope).

21. RCPHE (a fish).

22. LMENO (fruit).

23. ANADCA (country).

24. RGOECR (tradesman).

25. PFRAFNIA (oil).

Read through the following and then answer the questions at the end.

Three boys, Tom, Harry and John each have a cat—a tabby, a Persian and a grey. Only Harry lives in the country and his cat is neither a Persian nor a grey. Only Tom's cat never catches mice. The Persian and tabby cat both catch mice.

26. Who owned the tabby cat?

27. What colour was Tom's cat?

28. Who owned the Persian cat?

29. Which cats lived in the town?

30. Which cat that lived in the town caught mice?

31. Which cat that lived in the town did not catch mice?

32. Which cat lived in the country.

33. Did it catch mice?

Fill in the blanks in the following sums with the correct figures.

34. 314	**35.** 263	**36.** 27	**37.** 4.31	**38.** 5327	**39.** .)385
7	.	1.	23.1	11.2	55
2.9.	789	378	217.	6.6.	

If one of the following words contains A, E and D, write X for the answer. If it contains none of these, write Y. If it contains A and E but not D, write Z. If it contains A only, write Q.

40. ARE. **41.** BEAD. **42.** REMAND.

43. POOL. **44.** PARCEL. **45.** PUNY.

46. MARVELLOUS. **47.** GERMANDER. **48.** PANT.

The words in the following sentences are mixed up. Write out the sentences correctly.

49. flies where the in go time the do winter?

50. than careful better is it be sorry to

51. kettle a never boils watched

52. where will there a is there way a is

53. chickens before count hatched never they your are

54. when think in doubt twice

55. laughs who he best last laughs

The symbols in the following questions represent the words CROW REAL COAL and WOOD, but not in that order. Find out the key to the code and then place these words in their correct order.

56. * – : 0 **57.** / = = X **58.** + * = / **59.** + = : 0

What would the following words be in the same code?

60. LEAD. **61.** COWL. **62.** AREA. **63.** LOAD. **64.** WOOL.

Answer these :

65. As I was on my way to St. Ives, I met a man with seven wives. Each wife had seven cats. How many were going to St. Ives?

66. Which is greater, four and a half hundred guineas or four hundred guineas and a half?

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

Reading from left to right each of the following rows of drawings, letters or figures runs in a certain order. One in each row is out of its correct order. Write it down.

Example : | + ≡ ≠ |V||. **The lines increase one at a time so that ≠ should follow +. Therefore ≡ is out of its correct order.**

1. A B C E D F G H

2. 11 12 14 13 15 16 17

3. i ii iii iv vi v

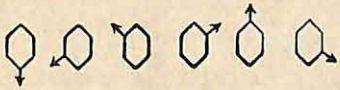
4. 100 98 99 97 96 95 94

5. r q o p n m l k

6. ///// /// //// // /

7.

8.

9. 

10.

Read through the following and then answer the questions at the end.

Only John and Arthur have sisters.
Only Arthur and Mary have aunts.
Only John and Mary have fathers.

11. Who has an aunt as well as a father?

12. Who has both a sister and an aunt?

13. Who has a father but no sister?

14. Who has a sister but no father?

15. Who has a sister as well as a father?

16. Who has an aunt but no father?

17. Who has only one of the relations mentioned?

18. Who has all three of the relations mentioned?

Choose the right word from those given in brackets to complete the following paragraph.

As **19** (they, he, she) came to the market he **20** (reviewed, saw, glanced) the sheep that had been **21** (stealed, stolen, bought) from him. At once he made **22** (up, on, for) a policeman to **23** (hide, report, show) **24** (his, their, her) loss. **25** (Early, Before, Later) the thief **26** (were, was, is) caught and put in prison.

Answer the following :

Example : Up is to down **as fast is to** (secure, slow, in, across, from). **"Slow" is the answer, for just as "up" is the opposite of "down," so is "fast" the opposite of "slow."**

27. Fish is to swim as bird is to (sink, swim, fly, run, dart).

28. Coal is to fire as food is to (vegetable, man, flower, bee).

29. Sole is to foot as part is to (some, one, few, any, whole).

30. York is to Yorkshire as Exeter is to (Devon, Dorset, Kent).

31. Are is to were as go is to (go, was, is, went, going).

32. Few is to many as small is to (scarce, little, sparse, large).

33. Either is to or as neither is to (seldom, nor, neither, or, not).

Something is "wrong" in each of these sentences. Write down the word which is "wrong" in each case.

Example: "The cat barked on the wall." **The "wrong" word is "barked" because cats do not bark.**

34. As he applied his brakes the car accelerated.

35. He said he would repeat it, so they had better pay detention.

36. The Countess of Devon was the only peer there.

37. The bull was milked every day.

38. The king's head on the coin was that of Queen Victoria.

39. He could hold his racket in either hand and so puzzle his partner.

40. He came of age when he was twenty.

Read through the following and then answer the questions at the end.

St. Albans. Tuesday, 14th May.

Dear Tom,

I met your brother John yesterday. He told me that he had arrived from London the day before. He had been in London a week to the day, having gone up from Oxford for a holiday. I am looking forward to three days' time, for I am due for my holiday then. I shall be in Stratford for a fortnight. Will you meet me at 12.30 at the station, when I return?

Yours, Harry.

41. On what date did Harry meet Tom's brother?

42. On what date had Tom's brother arrived in London from Oxford?

43. On what date did he arrive in St. Albans?

44. On what date was Harry going on holiday?

45. On what date did he hope Tom would meet him?

46. Where did he hope Tom would meet him?

If A stands for 2, B for 3, and so on, work out the answers to the following :

47. A+F **48.** C+G−D **49.** Z−F−H **50.** D times Y

What letters would represent the following figures? Give the answers in letters.

51. 17+2= **52.** 10−3= **53.** 6 times 4= **54.** 15÷5=

Write down the word from the given list which " pairs " with the word in each of the following questions:

Example : 1. cap **2.** head **3.** sole

tail, heel, gown.

Answer : 1. cap gown **2.** head tail **3.** sole heel

55. medicine **56.** zoo **57.** Edinburgh **58.** cow

59. needle **60.** pick **61.** pestle **62.** goose

63. cinema **64.** bat **65.** fox

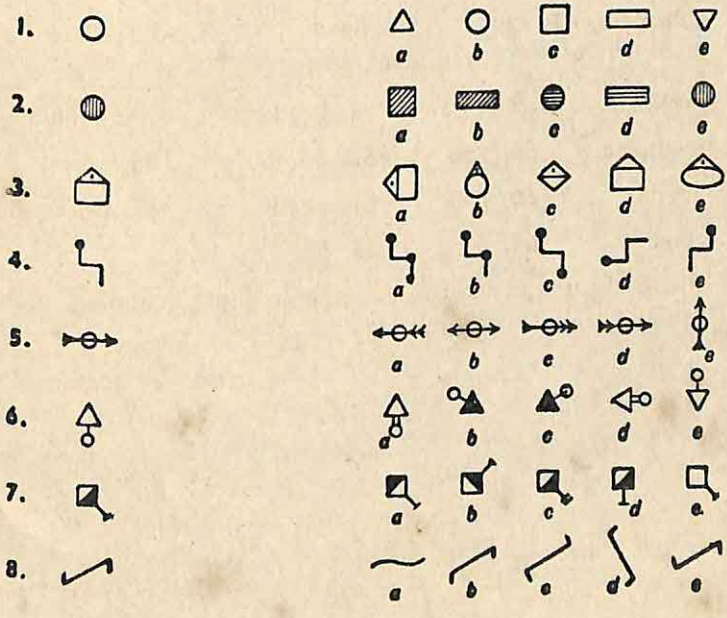
shovel, gosling, doctor, Scotland, films, cunning, ball, monkey, calf, thread, mortar.

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

From the drawings on the right hand side below choose the one which is most like the single one on the left. Point out your answer by writing, for example— *a*, *b*, **or** *c*, **as the case may be.**



Explain in one sentence why it is that some people :

9. Tie a knot in a handkerchief.

10. Count imaginary sheep going through a gate.

11. Wear spectacles. **12.** Wear hats. **13.** Smoke.

14. Refuse to walk under a ladder.

15. Iron clothes after washing them.

16. Learn foreign languages. **17.** Play football.

18. Read newspapers.

In the following passage put a suitable word where there is a number. The words are given, in any order, at the end.

John Brown is a **19** who can hold his **20** against all others when playing **21.** For instance, the other **22** he scored 43 runs and was **23** the top scorer. When he bowled he got three wickets almost without **24.** Also, at football, he **25** fails to **26.**

score, day, cricket, boy, rarely, own, easily, trying

Answer the following questions :

27. Write down the figures 4 6 8 in as many orders as possible.

28. I have six pennies, three shilling pieces, and ten shillings in half-crowns : how many silver coins have I?

29. If the letters of the word PICTURE were placed in alphabetical order, which letter would then be in the middle?

30. Harry is taller than John, but smaller than Jim. Who is tallest?

31. What is the difference between eighty-three halfpenny stamps and eighty three-halfpenny stamps, in terms of money?

Read this : Numbers often have a special meaning. For instance number 1 means the most important thing ; 24 indicates the number of hours in a day, and so on. Name what is commonly connected with each of the following numbers :

32. 7 **33.** 365 **34.** 1939 **35.** 13 **36.** 12 **37.** 4 **38.** 21

The following letters follow in a certain succession. You have to supply the missing group at the end of each line.

39. MM NN OO PP QQ .. **40.** ef eg eh ei ej ..
41. DS ET FU GV HW.. **42.** FJ EI DH CG BF ..
43. NZ OY PX QW RV .. **44.** OA NB MC LD KE ..
45. BC DE FG HI JK .. **46.** az by cx dw ev ..

Read this and then answer the questions at the end.

Jim, Tom and Robert went to a circus with Betty and Molly. Their seats were numbered 12, 13, 14, 15 and 16. No two boys sat together, and Tom had a girl on either side. Betty sat next to Robert, and she was in seat number 13.

47. Who was in the middle seat? **48.** Who was in seat No. 12?
49. Who was in seat No. 15? **50.** Who was in seat No. 16?

The following men were chosen to play for England at Cricket—a Smith, b Jones, c Brown, d Green, e Harris, f Hudson, g Close, h Bones, i King, j Hall, k Carr. The counties from which they were chosen, but not in this order, were i Kent, ii Yorkshire, iii Lancs., iv Surrey, v Sussex, vi Hants, vii Derby, viii Notts., ix Worcs.,

x Middlesex. Bowlers were indicated by +, batsmen by * and wicket-keeper by 0. Find out all about the players indicated on the score-card thus :

Example : Sutcliffe, Yorkshire, batsman.

51. j x *	**52.** f i *	**53.** e iv +	**54.** c iii *
55. k viii +	**56.** b vi 0	**57.** h ix +	**58.** d ii *
59. a vii *	**60.** g v +	**61.** i vii *	

Which of the following numbers if painted on the inside of a shop window would show as the same on the outside? Write " yes " or " no."

62. 108 **63.** 808 **64.** 118 **65.** 101 **66.** 616 **67.** 18 **68.** 99

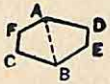
INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

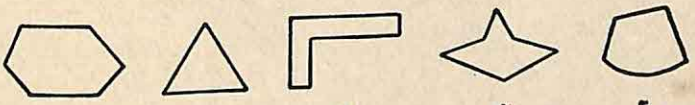
Look at the following drawings. It is possible, by drawing one straight line, to make a four-sided figure in each case. Show where you would have to draw such a line in each of these drawings by copying out the diagram on to your paper.

Example :



Here the figure is divided by the dotted line AB. The resulting four-sided figure is AFCB (or in this case ADEB also).

Now do these :



1. 2. 3. 4. 5.

Here is a list of names which can be suitably applied to the objects and persons given in the following questions. Fit the name to the object or person in each question.

NAMES : Balloon, Racehorse, Tortoise, Giant, Railway, Dwarf, Tea-shop, Football-team, Speed-boat, Elephant.

6. Rovers **7.** Swift **8.** Transcontinental **9.** Shorty
10. Clumsy **11.** Galloper **12.** Slow-coach **13.** Lofty
14. Bubble **15.** Cosy

Read the following and then answer the questions set at the end.

Cricket, tennis and bowls are summer games.
Only John and William play cricket.
Only Helen plays tennis.
Football and hockey are winter games.
Only Harry plays hockey, football and cricket. Only his father plays bowls.

16. Who is the only one who plays bowls?
17. Does John play tennis?
18. Who plays both winter and summer games?
19. Who do not play winter games?
20. Does Helen play cricket?
21. Who play only one game?
22. Who plays more than one game?
23. Who plays tennis and cricket?

State briefly, in one sentence, when you would find each of the following urgently necessary to assist someone in danger.

24. Telescope. **25.** Telephone Box. **26.** A coil of rope.
27. A ladder. **28.** A piece of wood two feet long.
29. Rubber gloves. **30.** A glass of water.

Read this and then answer the questions set at the end.

On the day after Good Friday, I went down to Wensley to meet my uncle, Mr. Spense. As we steamed into Wensley

I could see my uncle because he was standing on a porter's barrow. "Hullo, young Mr. Spense!" he greeted me, "and how long can you stay this time?" "Four days," I replied. "Get the luggage," said uncle to his chauffeur, and soon we were on our way.

31. On what day of the week did I visit my uncle?

32. Where did my uncle live?

33. Was the place where I lived higher or lower than the place where my uncle lived?

34. Was my uncle my mother's brother, or my father's?

35. How was it that I saw my uncle straight away?

36. In what did I travel to meet him?

37. In what did I travel after I met him?

38. On what day of the week did I have to return?

Choose the correct word from those in brackets in the following to complete the comparison.

39. Coal is to mine as water is to (well, tap, tank, drink).

40. Tame is to wild as friend is to (cousin, foe, ally, comrade).

41. Arm is to body as branch is to (turning, fork, tree, elm).

42. Stream is to river as grain is to (grass, sand, pound, particle).

43. King is to crown as bishop is to (hat, robe, mitre, surplice).

44. Song is to singer as do is to (door, done, did, doer).

45. Sweet is to sugar as bitter is to (gall, pill, cane, oats).

Two of the words in each of the following questions consist of exactly the same letters. Write them down.

46. MEAT, TIME, MITE, MEET.

47. TAME, TEAM, MOTE, TEES.

48. REAP, EARS, SEAR, EASE.

49. NAPE, NEAP, PAIN, PINE.

50. SOAR, SORE, ROAR, OARS.

51. DAIS, DAYS, DOES, SAID.

The following are questions on codes. For example, if WSDRE means DWARF, then it is easy to see that SMDRE means WHARF, M meaning H, which can be guessed. Now do these.

52. If DFNMTY means CINDER, MYFNP means ——.

53. If TMY means SEA, TMM means ——.

54. If SDAK means DEAN, SAKD means ——.

55. If LSXYZ means ROUND, XYZBL means ——.

56. If 12274 means POOLS, 47221 means ——.

57. If a3b means NOW, b3a means ——.

58. If ERTYUD means STRING, TYUD means ——.

59. If SENTRY is represented by V54TOJ, O54T means ——.

Answer this :

60. How many letters are there in the longest word in this sentence?

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

Answer these questions on the ALPHABET which is set below :

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1. Write down the third letter after N.
2. If G comes before E, write F, if not, write P.
3. Write down the seventh letter from the end.
4. If Z = 1, Y = 2, X = 3 and so on, what would Q + R equal?
5. What would P + G − S equal?
6. What letter at the beginning of the Alphabet corresponds to W at the end?
7. If A became K and B became L, what would E and G become?
8. What is the third letter after the fifth letter of the Alphabet?
9. Write down the second consonant after the second vowel of the Alphabet.
10. If J and O have the same number of letters between them as P and S, write X, if not, write Z.

What arithmetical signs should be placed between each of the following to give the results at the end?

11. 3 7 8=29 **12.** 8 4 6 2=16 **13.** 1715 6=1709
14. $\frac{3}{8}$ 1 $3\frac{7}{8}$ 1=$6\frac{1}{4}$ **15.** GGLG GL=GG **16.** T51T 1=T5T
17. 16 8 4=4 **18.** 112 7 16=32 **19.** $\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{4}$=$\frac{1}{32}$

In the following the letters of each word are mixed up. Find out what each word is and write it down.

20. DLPAKCO (something that goes on a door).
21. STEINN (a game).
22. BHRSOAKEC (something on which one can ride).
23. LRFOIST (a tradesman).
24. IMUTEN (a dance).
25. INMTOTNE (useful for sores and burns).
26. RPTCEAS (for floors).
27. DEMCNIEI (for when one is ill).
28. PMGAOERAETN (a fruit).

In the words SWAM, WINS, WANT, WINE, the only letter that occurs in each word is W. Find out the letter that occurs in each of these.

29. MONEY, HONEY, ONLY, WON, POOL.
30. ACE, CAR, CAP, CAT, CUP.
31. TOAST, COAST, RUST, MOAT, COAT.
32. SINK, INK, RINK, BANK, CAKE.
33. DEATH, HEALTH, WEALTH, HEAT, HOWL.
34. MONK, TEAM, MAKE, BROOM, AIM.
35. TOBACCO, COTTON, ONION, UNION, SOON.
36. ICE, PIN, NIP, SIT, IRE.

Write down the word in brackets which goes best with the one at the beginning, outside the brackets.

37. DEEP (shallow, depth, crack, well, bottom).

38. JUDGE (magistrate, lawyer, solicitor, prisoner).

39. SMITH (John, Mary, Margaret, Brown, Henry).

40. ELEPHANT (small, medium, dwarf, huge, bun).

41. SONG (Mauretania, Newcastle, Marseillaise, Midas, Minnesota).

42. MORNING (September, noon, winter, Easter, hour).

The following increase in proportion. Write down the two missing figures which are left blank in each row.

43. 3 6 9 — — 18 21

44. $1\frac{1}{2}$ $2\frac{1}{2}$ $3\frac{1}{2}$ — — $6\frac{1}{2}$ $7\frac{1}{2}$

45. 11 22 33 44 — — 77

46. $1\frac{1}{8}$ — $1\frac{7}{8}$ — $2\frac{5}{8}$ $3\ 3\frac{3}{8}$

47. 101 103 105 — 109 —

48. 1·3 2·4 — 4·6 — 6·8

49. P2 PP3 — PPPP5 — PPPPPP7

50. L7 — N9 O10 P11 —

Read this and then answer the questions at the end.

Jill likes only apples and pears. Martha likes only oranges. Tim likes all fruit but pears. Ada likes only pears and apples. Harold likes all fruit but oranges and pears. Ada and Tim are the only ones who go to school.

51. Who likes pears and goes to school?

52. Who like oranges?

53. Who likes oranges and goes to school?

54. Who like apples and do not go to school?

55. Who like pears?

56. Who likes pears and goes to school?

57. Who like apples and go to school?

58. What does Tim like that Harold does not?

In the following sentences the words are mixed up. When read correctly they are seen to ask a question. Answer this question in each case, but do not write out the question.

59. IS CONTINENT AN ISLAND A SAME THE AS?

60. SPINSTER OR MAN A IS A WOMAN A?

61. MANY NINES HOW IN THERE ARE NINE NINETY?

62. A AMERICA HAS KING?

63. SCHOOL DO BOTH GO BOYS TO GIRLS AND?

64. SUN DOES THE AT SHINE ALL OF DAY THE HOURS?

65. BALL CRICKET USED IN IS A?

Complete the following comparisons by choosing the most suitable word from those given in brackets.

66. Man is to son as horse is to (horseman, mare, colt, filly).

67. Son is to daughter as brother is to (cousin, uncle, aunt, sister).

68. Parson is to church as teacher is to (pupil, school, sums, book).

69. Sing is to song as give is to (giver, gifted, loan, gift).

70. On is to off as in is to (up, down, out, from).

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

In each of the following sets of words one word does not belong to the set. Write down the words which do not belong to their sets.

Example : DAY, MONTH, YEAR, MOON, HOUR.
Answer is : MOON.

1. ATLANTIC, ANTARCTIC, PACIFIC, MEDITERRANEAN, INDIAN.
2. AUGUST, OCTOBER, JANUARY, MARCH, EASTER.
3. FIRST, THIRD, FIFTH, FOUR, SEVENTH.
4. CLIMB, EXIT, MOUNT, ASCEND.
5. DEVOUR, GOBBLE, DEVOID, EAT, CHEW.
6. INCH, YARD, FURLONG, CENTIGRADE, FOOT.

By altering the order of the letters in each of the following words make up one new sensible word.

7. PEAL. **8.** LEAK. **9.** SALE. **10.** HOSE. **11.** MOOR. **12.** SLOE.

The following groups of letters stand for the words RAN, SIN, MET, RAT, COD, SIR, but not in that order. For example, XYZ stands for SIN. Now find out what the rest stand for.

13. XYQ. **14.** FGB. **15.** VWK. **16.** QPZ. **17.** QPB. **18.** XYZ.

Something is "wrong" in each of the following sentences. Write down the "wrong" word in each sentence.

19. He asked for a match to light his electric fire.

20. The Crown Prince told his men that he would abdicate the throne.

21. The goose could be seen with its duckling on the pond.

22. The smell of broken glass was apparent as he went into the house.

23. My brother had the misfortune to fall from a basement window on to a road thirty feet below.

24. The bedridden old lady made her usual walk down the road.

25. It was a juvenile of about thirty-five who did it.

From the list of words below, select the one which goes best with each word in the question.

Example : hare speed.

31. lion. **32.** miser. **33.** strength. **34.** eating. **35.** soldier.

36. mule. **37.** monkey. **38.** sea. **39.** sweet. **40.** timid.

agile, courage, brine, stubborn, sugar, glutton, ox, fighting, greed, mouse.

Read this and then answer the questions set at the end.

Wendy was a good girl—she always got her sums right and she was never late for school. Her brother was just the opposite. One day, although it had been snowing, Tom was late as usual. His excuse to his teacher was that he had lost the way. "Why, the ground isn't covered yet," said the teacher, "and besides you only live a hundred yards from school!"

41. Why was Wendy a good girl?

42. What was her brother's name?

43. Was he ever late for school?

44. About what time of the year was this story written?

45. What excuse did Tom give when he was scolded by his teacher?

46. How did the teacher know that he was telling a lie?

47. Why should Wendy's brother never be late for school?

Arrange the following in natural order, beginning with the lowest first.

Example : Second, minute, hour, day, week, month, year.

48. mansion, house, bungalow, room, storey.

49. poor, well-to-do, penniless, rich, millionaire.

50. pill, football, cricket-ball, melon.

51. noon, 11 a.m., 2 p.m., 1 a.m., 1 p.m.

52. A6, C8, G12, E10, D9, B7, F11.

53. New York, Berlin, Paris, London, Sydney.

Answer these questions set on the numbers given below :

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

54. Write down the fifth largest odd number given above.

55. Write down the number exactly half-way between 11 and 19.

56. Add together all the even numbers between 7 and 15 except 10.

57. Add up the numbers of one figure.

58. Add up the first three numbers of two figures.

59. Subtract the answers to the last two questions.

60. Which single figure occurs least often in 116 461 432 216?

61. Which single figure occurs the most times in 107 307 443 707?

62. Which figure at the end of the row corresponds to 3 at the beginning?

63. Add the fourth largest to the fourth smallest number in the row.

64. What is the third number after the fifth number in the row?

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

Make a new word by taking away one letter from each of these. Do not re-arrange the order of the letters.

1. SMILE. **2.** FIRST. **3.** POWDER. **4.** CASTER. **5.** DREAM.

Make a new word by taking away two letters from each of these. Do not re-arrange the order of the letters.

6. GLIMPSE. **7.** LEARN. **8.** SEARCH. **9.** TICKLE. **10.** GRAPPLE.

Make a new word by taking away one letter and adding another letter to the beginning or end of each of these. Do not re-arrange the order of the letters.

11. WIVES. **12.** LEAVE. **13.** SHARK. **14.** GROUP. **15.** MARCH.

Which letter occurs the most often in each of the following rows?

Example: CAT, PIN, NIP, NOTE. **Answer is N because there are more letter "N's" than any other letter in the row.**

16. SMELL, RING, DRINK, WINK, COIL.

17. HEN, HAT, MAT, PIT, ADA.

18. MOVE, FEED, SUET, TUCK, ADDRESS.

19. OIL, TRIAL, POOL, SAW, LID.

20. SWIM, SWAN, NOOK, LOOP, WRAP.

21. FIG, FOG, TREACLE, FIT.

Which letter occurs the fewest times in each of the following rows :

22. OWL, HATRED, ALFRED, TOW.

23. DELIGHT, HEIGHT, DELTA, GILL.

24. UNCLE, POUNCE, DUNCE, CLOUD.

25. SLATE, TALES, LATE, PLEAT.

The sentences in the following questions are followed below by a series of sentences A, B, C, D, E, F, G, which are similar in meaning to the sentences in the questions. You have to find out which sentence is similar to the one in the question and write down A or B or C as the case may be.

26. Take care of the pennies and the pounds will take care of themselves.

27. All work and no play makes Jack a dull boy.

28. Curiosity killed the cat.

29. Strike while the iron's hot.

30. Never look a gift-horse in the mouth.

31. A burned child dreads the fire.

32. Clothes make the man.

A. Do not pick fault with presents. B. If you are careful over small matters, big matters will never worry you. C. Always take your chance when it appears. D. If you never have a change you will become stale. E. Mind your own business so that you do not fall into danger. F. Once you have experienced a thing, you know what will happen

next time. G. A well-turned-out appearance is a good recommendation.

If the words in the following pairs are similar in meaning, write X : if they are the opposite of each other, write Y : if they are not similar, write Z.

33. fountain pen	**34.** snake eel	**35.** edge margin
36. thrift waste	**37.** anemone foe	**38.** wheat grain
39. ill healthy	**40.** shell bullet	**41.** dark blue

Read through the following and then answer the questions set at the end.

Only William and Peter go to the pictures.
Only Peter and Jill live in the country.
Only William and Jill have plenty of pocket-money.

42. Who lives in the country and goes to the pictures?

43. Who lives in the country, has little pocket-money and goes to the pictures?

44. Is there anyone who lives in the country, has little pocket-money and does not go to the pictures?

45. Who lives in the town and has plenty of pocket-money?

46. Who lives in the country, has plenty of pocket-money and does not go to the pictures?

What arithmetical signs should be placed between each of the following to obtain the results given at the end?

Example : 8 16 4=20. **Answer :** 8+16−4=20.

47. 3 5 15=30	**48.** 11 4 15=0	**49.** 91 13=7
50. 17 1=16	**51.** 7 8 5 7=27	**52.** $3\frac{1}{8}$ $5\frac{1}{2}$ $7\frac{7}{8}=\frac{3}{4}$
53. 6 7 3=39	**54.** K2 K3 KK4=KKKK9	**55.** S5 S2 SS6=1

Complete the following comparisons :

Example : □ is to ■ as ○ is to △ ● ○ □ ■
a b c d e

The Answer is "b".

56. is to as is to
a b c d e

57. is to as is to
a b c d e

58. is to as △ is to
a b c d e

59. is to as ⊙ is to
a b c d e

60. 2△ is to 3△ as 6o is to 7o 9o o7 8o 6o
a b c d e

61. is to ● as ▽ is to
a b c d e

62. is to as is to
a b c d e

A tradesman marked his goods in a code. He made b=1d., c=2d., and so on. He made C=1s., D=2s. and so on. What prices were the goods which he marked in the following ways?

63. Fh **64.** Hd **65.** Me **66.** Pf **67.** Jl **68.** Sg

What markings would he have to put for the following prices?

69. 11s. 9d. **70.** 17s. 8d. **71.** 4s. 3d. **72.** 9s. 7d.

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

The following are the names of animals, birds and other creatures found in the English countryside. Fill in the necessary letters in the blank spaces from those given in brackets.

Example : B–E–L– (E, T, E). **Answer :** BEETLE.

1. S–A–R–W (R, P, O).
2. –P–DE– (I, S, R).
3. C–AF– –NCH (F, H, I).
4. S–U–RR– – (L, Q, I, E).
5. S– –A– (T, O, T)
6. CE–TI–EDE (P, N).
7. B–L–O–K (L, U, C).
8. – –TT–R–L– (Y, U, E, F, B).
9. H–D– –H–G (G, E, O, E).

Pick out from the words in brackets the one which is related to the one outside the brackets.

10. Magnet (gun, eyeglass, attraction, apple, great).
11. Delve (dig, surround, fairy, uproot, valley).
12. Serene (old, picture, calm, native, salve).
13. Flint (arrow, stone, bone, sharp, bird).
14. Risk (harsh, biscuit, fresh, reward, try).
15. Shetlands (France, California, Orkneys, Needles, Norway).
16. Moat (rink, might, castle, mud, trench).

The word SEMAPHORE is written in code thus: 537264193, 5 standing for S, 3 for E, 7 for M, and so on. What words do the following represent?

17. 7193 **18.** 5273 **19.** 266329 **20.** 725439 **21.** 427639

What would be the code figures for each of the following?

22. PEARS. **23.** MERE. **24.** SHAMPOO.
25. RAMMER. **26.** EMPEROR.

From the following groups of words write down the two words which are related in each group.

Example: mouse, tree, fish, rat, king. **Answer is "mouse" and "rat" because they are related by both being vermin.**

27. moor, sad, lonely, heath, heather.
28. drab, light, dull, green, fog.
29. dram, dam, ounce, whiskey, ale.
30. fish, salt, dog, chain, cod.
31. calf, tail, milk, cow, foal.
32. frog, marsh, spawn, tadpole, eel.
33. ox, hen, bull, horn, yoke.
34. rope, twist, net, snake, hemp.
35. yellow, green, violet, brown, mustard.

If in each of the following words the letters A, D and C occur, write G: if none of these occurs, write F. If A and D but not C occur, write T: if D and C occur but not A, write V.

36. SUCCEED. **37.** PARADE. **38.** PEOPLE.
39. CHARADE. **40.** DECODE.

Choose from the words in brackets the correct one which answers the question that comes before the brackets.

41. Which word has the least consonants? (good, find, eave, night).

42. Which word has the most vowels? (perform, amaze, height, peep).

43. Which is the most bitter? (milk, vinegar, lemonade, peppermint).

44. Which is the nearest to 100? (103, 98, 111, 105, 96).

45. Which is played with sticks? (flute, drum, organ, cornet).

46. Which is the sharpest? (chisel, saw, axe, knife, razor).

Here is a row of letters and underneath is written a row of numbers. Each letter is represented by the number set exactly underneath it. Now answer the questions set below.

H	J	K	M	B	C	X	Z	W	S	D	E	R	U	O	P	Q	F	G
1	4	6	2	16	13	8	9	15	14	11	3	5	7	18	20	10	12	17

47. What is the number that represents the fifth letter of the row?

48. Add together the two numbers that represent M and G.

49. Subtract the answer to question 48 from the sum of the numbers that represent K, P and U.

50. What letter represents the second even number of the row?

51. What number represents the third letter after M in the row?

52. What letter is represented by the fifth highest number in the row.

53. Add up the figures that represent the first two vowels in the row.

54. What word do the numbers 14 2 18 6 3 represent?

55. What is the number half-way between 16 and 11 in the row?

56. What letter comes third from the end of the row if Q, F, G are struck off?

Read this and then answer the questions set at the end.

George and Phyllis have the same mother Mrs. Harris. Mr. Harris's brother has two sons, Henry and Richard. Phyllis is older than George, but younger than Henry. Richard is fourteen and is three years younger than Henry.

57. What is the name of Phyllis's father?

58. What is Henry's surname?

59. What relation is George to Henry?

60. What relation is George to Phyllis?

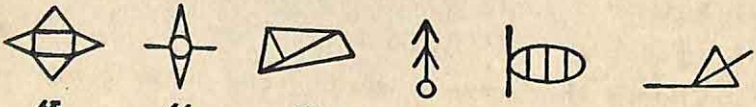
61. How old is Henry?

62. Is George older or younger than Henry?

63. Who is the eldest boy?

64. Is he older than Phyllis?

Say how many straight lines there are in each of the following drawings.



65. **66.** **67.** **68.** **69.** **70.**

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

Pick out from the following groups the two words that are related in each group.

Example : dog, fence, house, mongrel. **The answer is "dog" and "mongrel".**

1. case, tree, valise, valet.
2. handsome, handy, pretty, ugly.
3. ship, funnel, liner, canoe.
4. claw, paw, arm, nail.
5. limb, branch, climb, leaf.
6. rabbit, weasel, hare, hedgehog.
7. Government, Viceroy, King, Emperor.
8. food, drink, clothes, water.
9. draw, chest, sketch, place.
10. round, oval, oblong, long.

The following are the names of planets with their letters mixed. What are they?

11. RSAM. 12. SUVNE. 13. TAUSRN.
14. TJPUIRE. 15. RUUSAN.

Choose the correct word, from those given in brackets, which suitably completes each sentence.

16. Meddlesome means (terrified, interfering, middle, shifty).

17. Granite is good for making (boxes, churches, tables, buckets).

18. Spain is noted for (football, bull-fighting, cricket, bowls).

19. A trifle means a (large, ugly, hateful, small) matter.

20. (Sunday, Monday, Saturday, Wednesday) is the Christian sabbath.

21. If you asked for beef the butcher would give you (lamb, sheep, pig, cow).

22. If you wanted a saw you would go to the (milliner, ironmonger, florist, blacksmith).

The following sentences are incomplete and have their words mixed. Give the word that completes the sentence in each case, by filling the blanks in the words in brackets at the end. Write the words down.

Example : ON TRAINS RUN (L - - - S). **Answer is LINES.**

23. TANKS BY INVENTED THE WERE FIRST THE (B - - - - - H).

24. THROUGH OFTEN RAILWAYS RUN IN HILLY COUNTRY A (T - - - - L).

25. REGARDED AS BREAD THE STAFF IS ALWAYS OF (L - - E).

26. ANCESTORS THE OF HUMAN THE RACE WERE (M - - - - - S).

27. MIDSUMMER-DAY YEAR COMES IN EVERY (J - - E).

Point out the figures or letters that occur in each group in the following rows.

Example : PPS, PST, TSE, BTS. **Answer is S, because it occurs in all four groups.**

28. DDSST DSFR FRDF AWSD SSDF.

29. 187 668 811 108 168.

30. XYSS SdXY vRXT bgXc XTTd.

31. abvs scgh jsdt ddas.

32. i8t71 18ti4 t76hg ihtFD.

33. i6DST STDi5 i87tYD uifD7.

Choose the correct word from those in brackets, to complete the following passage.

34. (I, We, They) were waiting for **35** (our, their, your) parents at the station, for **36** (we, they, you) had promised to meet us there at noon, telling **37** (we, them, us) not to come too **38** (late, early, before) as they might possibly be delayed.

S T U V W is a code which represents the figures 4 5 6 7 8, but not in that order. S is an even number : T is neither 4 nor 5 : U is 8 : V is either 5 or 7 : W is neither 5, 6 nor 7. Now answer these :

39. What is S? **40.** T is? **41.** U is? **42.** V is? **43.** W is?

Answer these :

44. A man was facing north. He took two paces forward and then turned right at right angles. What direction was he now facing?

45. If he turned right round what direction would he now face?

46. Would he have to turn right or left to order to face south?

47. If he now faced south, what would he have to do in order to regain his starting position?

48. In what direction would he then have to turn in order to face west?

49. How many letters that come before F in the alphabet are contained in WEATHER?

50. HARBOUR? **51.** KITCHEN?

52. How many letters that come after P in the alphabet are contained in PECULIAR?

53. SHREWSBURY? **54.** QUARTERLY?

Read this and then answer the questions set at the end.

Five girls sat in the same row at the cinema. Their names were Hilda, Mary, Betty, Phyllis and Doris. Mary sat at one end of the row of five seats, and Betty sat at the other end. Phyllis sat next to Mary and Hilda sat next to Betty.

55. How many girls sat between Mary and Betty?

56. Who sat in the middle of the five seats?

57. How many sat between Phyllis and Betty?

58. Who sat between Mary and Doris?

59. Who sat between Hilda and Phyllis?

Do these :

60. Draw a circle and put the letter " R " on the left-hand side and the letter " C " on the right-hand side.

61. Write S, G, D in a row : if g comes before e in the alphabet, cross out S. If g comes after e, cross out G and D.

62. If a pig has three eyes write " Yes." If it has two, write " No."

63. If a chicken and a hen have any likeness, write H : if not, write S.

64. Draw three circles and join them by a straight line that does not cut them.

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

If the two items in each of the following columns are exactly like each other, write X ; if they are not, write Z.

1. 443562 443662. **2.** Green F. G. F. G. Green.

3. RRssLL RRssLL. **4.** Phillips T. I. Philips T. I.

5. 35MU54 35NU54. **6.** Smith il il Smith.

7. Bergson A. L. Bergson A. L. **8.** (((4@ ((4@(.

9. ***6/ **6/*. **10.** SOUTHAMPTON SOUTHBAMPTON.

Choose from the words in brackets the one word that fits best with the word in italics.

11. Cats mew and *dogs* (run, wag, sniff, bark, swim).

12. Horses neigh and *turkeys* (waddle, gobble, grunt, eat).

13. Fish swim and a *car* (purrs, runs, stops, smells, clatters).

14. Cows have tails and *boats* have (sails, oars, rudders, masts).

15. A city has houses and *forests* have (trees, birds, animals, fruit).

16. Emerald is green and *chrome* is (yellow, black, blue, red, pink).

17. A mule has a pack, and an *ox* has a (coat, horn, hair, yoke hoof).

18. If we eat we live, if we *starve* we (live, eat, die, feed).

Answer these :

19. What is the least number of times that you would have to toss up a penny for it to be possible that "heads" would come uppermost?

20. What is the least number of times that you would have to toss up two pennies for it to be possible that "tails" would come uppermost on both coins?

21. In how many different ways can five pennies come down if tossed in the air?

22. In how many different ways can three pennies come down?

23. John is as old now as Fred was three years ago. Which is the elder?

24. If all men are fools, are all fools men?

25. Philip is bigger than Tom, and Tom is bigger than Jim. Who is the biggest?

26. Who is the smallest?

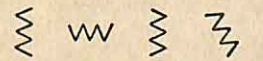
27. What is the number that comes before the number before fifteen?

The following are the names, with the letters mixed, of poets. Write down the correct name in each case.

28. UBNRS. **29.** EKAST. **30.** HESLELY.
31. ODRSWOWTRH. **32.** YROBN. **33.** LMITNO.
34. ROBNGIWN. **35.** TCOTS.

One of the drawings in the following rows is unlike the others in some way. Find the "different" drawing and say what position it is in the row, e.g., First, Second, etc.

Example : ▲ ■ ● ⬭ ▼ **Answer is :** Fourth

36.
37.
38.
39.
40.
41.
42. 
43.
44.
45.

Choose the correct word from those in brackets to complete the following :

46. The mainspring is part of a (motor-car, railway, watch, year).

47. A solo is sung by (one, three, two, five, four).

48. Stilton is the name of a (dog, cheese, sofa, china, cloth).

49. Apples grow on (bushes, trees, shrubs, flowers, buds).

50. Diphtheria is a (drug, instrument, disinfectant, disease).

51. Entrance is the opposite of (axis, zenith, exit, opening).

52. Sunday comes three days after (Monday, Thursday, Wednesday).

53. Sherry is a (fruit, town, wine, food, dance).

Arrange the following in the natural ascending order.

Example : second, minute, hour, day, month.

54. Summer, Spring, Winter, Autumn.

55. child, baby, man, youth.

56. E5, E7, E9, E2, E3, E4.

57. D4, A1, C3, E5, F6, B2.

58. plain, ugly, handsome, striking.

59. hill, mound, mountain, range.

60. sparrow, eagle, wren, pigeon.

Read this and then answer the questions at the end.

Tom has a brother Harry, a sister Helen, and a cousin Kenneth. Kenneth has a sister Mary.

61. Who is Harry's sister?

62. Who is Kenneth's female cousin?

63. Who are Helen's cousins?

64. Who is Harry's brother?

65. How many brothers has Helen?

66. How many cousins has Kenneth?

67. What relation is Mary to Helen?

68. What relation is Tom to Mary?

Answer these :

69. If the following letters HNMVP were shown in a mirror, write down the ones that would look the same.

70. If I stand on my head with my face to the north, in what direction will my right hand point?

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

In each of the following find the most suitable word to complete the comparison.

Example : king is to queen as man is to ——. **Answer is** woman.

1. yolk is to egg as kernel is to ——.
2. table is to wood as window is to ——.
3. wise is to wisdom as good is to ——.
4. weak is to strong as small is to ——.
5. wax is to candle as oil is to ——.
6. woman is to womanly as child is to ——.
7. singing is to speaking as poetry is to ——.
8. duck is to drake as filly is to ——.
9. water is to steam as fire is to ——.
10. coward is to hero as fear is to ——.

Write down the letter that is at the beginning of the best answers to each of the following. You will find that only one answer to each question is suitable.

11. Traffic lights are used :

    A. to light up the streets.
    B. to control cars at cross-roads.
    C. to stop children crossing streets.

12. Shops are closed on Sunday:

A. to give shop-keepers a rest.
B. to observe the Sabbath.
C. to let people save money.

13. Bees always alight on flowers :

A. to sting them.
B. to gather food for winter.
C. to rest for a while.

14. Sailors wear wide-bottomed trousers :

A. to catch the wind.
B. to look attractive.
C. because they can be rolled up when scrubbing decks.

15. Men play cricket because :

A. they have to by law.
B. they want recreation.
C. they do not like to work.

The following are various names with their letters mixed up. What are they?

16. HACNI (goes round the neck or wrist).

17. LIOEV (fruit and oil).

18. HCWO (dog).

19. LOFINR (coin).

20. WOLSB (sport).

21. TVRIEU (goodness).

22. REMBLALU (useful in sun and shower).

23. DGIYD (heights make you this).

24. ALREWT (boy's name).

25. NODYAM (day of week).

26. SHNXIP (found in Egypt).

The following are in succession. Add the next two that would follow if the succession were carried on.

Example : 4 8 12. **The Answer is** 16, 20, **for the numbers go up by 4 each time.**

27. HI HHI HHHI. **28.** JK JKK JKKK **29.** 4f5 5g6 6h7
30. 11 9 7 **31.** a5b a6c a7d **32.** e10g d8h c6i
33. x7w v6u t5s

The following sentences have their words mixed up. Write them correctly.

34. WAY TO HOME ME SHOW THE GO.
35. LITTLE FOR PENNY A CAN VERY BE BOUGHT.
36. A HEART OVERCOMES A DULL MERRY ALWAYS.
37. ALWAYS THE IN EAST SUN RISES THE.
38. AMERICA HEAD AT HAS A PRESIDENT THE.
39. USUALLY WORE MEDIAEVAL COWLS MONKS.

Fill in the blanks in the following sums with the correct figures :

40. 10.1 × 5 = .105 **41.** 7)21.7 = 30. **42.** 7543 + 1.1. = 58.2 **43.** 2.83 + 51.. = .897 **44.** £1 4s. 3d. + . = £8 9s. 9d.

The following are in code. Find out the key to the code and so place in these words FIRE ROSE FOUR RIFE.

45. * x □ △ **46.** △ + * o **47.** △ x = o **48.** * + △ o

How would the following words appear when written in this code?

49. FURS. **50.** FIFE. **51.** ROSS. **52.** ROOF. **53.** EIRE.

Answer the following questions :

54. Draw a circle and a square side by side. In the circle put T, and in the square write the next but one letter of the alphabet after the letter you put in the circle.

55. Write down the third last letter of the last word in this sentence.

56. If London is a town, write M : if it is a city, write the letter in the alphabet before M.

57. If there are more months in a year than there are days in a week, draw a triangle : if less, write X inside the triangle.

58. Write down the third letter in this sentence if a pig is bigger than a cow : if not, write down " ALSO ".

Read through the following and then answer the questions at the end.

George is two years older than Philip who will be fifteen in two months' time. Hilda, Philip's sister, is twice as old as her cousin Robert, and two years younger than her brother.

59. How old in years and months is Philip now?

60. How old will George be in two months' time?

61. How old in years and months is Hilda now?

62. How old will she be in two months' time?

63. How old in years and months is Robert now?

64. What relation is Robert to Philip?

65. What is the difference between their ages?

66. What is the difference between the ages of George and Hilda?

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

Answer these questions set on the alphabet which is printed here.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1. What is the second letter after the first letter after M?

2. What is the second letter after the letter that is midway between J and B?

3. How many letters that come in APRIL are between F and P?

4. If C=5, D=6, E=7, and so on, to how much will GRUDGE add?

5. What letter comes immediately after the second vowel in the alphabet?

6. Which letter occurs the least times in THIS IS NOT HIS NOTE?

7. Form one word by using only the second and fifth vowels and the ninth and fourteenth consonants.

8. Give the letter that is as far before N as T is before W.

9. How many letters that come before G in the alphabet are found in NUMBER?

10. If H comes after I in the alphabet, write YES backwards : if H comes before I, write ON backwards.

Something is "wrong" in each of these sentences. Write down the word which is "wrong" in each sentence.

Example : The cat barked on the house-top. **Answer is** barked **because a cat does not bark.**

11. Three wise men from the West came to visit the child Christ.

12. In 1066 King Harold's men were beaten by cannon.

13. My cousin Betty left his book on the hall-stand.

14. Ash Wednesday fell that year on a Tuesday.

15. It is very pretty where the Thames meets the sea at Oxford.

16. I had to run uphill all the way down to Catchem's End.

From the list below, write down the word that should go with each of the words in the numbered questions.

polka, present, law, wood, vest, shepherd, tar, skating, peace, odour.

17. carpenter. **18.** pitch. **19.** smock. **20.** singlet. **21.** rink.

22. submit. **23.** dove. **24.** scent. **25.** dance. **26.** policeman.

If B stands for 8, C for 7, D for 6 and so on, work out the answers to the following :

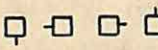
27. D + F =

28. C − H − G =

29. E + F + G ÷ D =

30. H times B =

Each row of the following items runs in a certain order. Write down the one item that is not in its correct order, reading from the left.

Example :  **Answer is** **because the next in order should be**

31. As At Au Av Aw Ay Ax

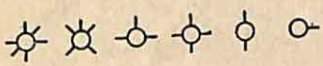
32. K9 J8 I7 G6 H5 F4

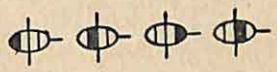
33. r3 q4 p5 n7 o6 m8

34. : :: :::: ::: :::::

35. $\frac{1}{8}*$ $\frac{1}{4}*$ $\frac{1}{2}*$ $\frac{3}{8}*$ $\frac{5}{8}*$ $\frac{3}{4}*$ $\frac{7}{8}*$

36. 17 35 53 89 71 107

37. 

38. 

39.

40.

Complete each of the following by using one of the phrases A, B, C, D, E, F given below. Answer each question by giving the letter that stands before the suitable phrase.

41. Oranges do not grow in England . . .

42. Footballers who are paid for playing . . .

43. Life in the country is . . .

44. A crisis means . . .

45. If you forgive your enemies . . .

46. A shark can eat . . .

47. It is never too late . . .

48. Something accomplished, something done . . .

A. are called professionals. B. has earned a night's repose. C. a decisive moment. D. a man. E. you are merciful.

F. quieter than in the city. G. on account of the climate. H. to mend.

Read this and then answer the questions at the end.

Five fishing boats NESSIE, ELEY, ARLEY, BEWDLEY, and ETTIE are painted GREEN, BLUE, WHITE, BLACK, and RED, but not in that order. NESSIE was not GREEN or BLUE : ELEY was WHITE : ARLEY was either GREEN or BLUE : BEWDLEY was RED or BLUE : ETTIE was either BLACK or WHITE.

49. What colour was NESSIE? **50.** ELEY? **51.** ARLEY?

52. BEWDLEY? **53.** ETTIE?

Answer these :

54. ROCCUS is the name of a flower with the letters mixed. Write down its third letter when written correctly.

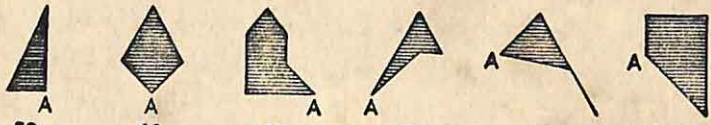
55. Which two are most alike L5, M6, N3, L4?

56. Bill is smaller than John, but taller than Sam. Who is tallest?

57. The opposite of ebb is ——?

58. Make a cross and put a ring round it so that the cross does not touch the ring.

Draw each of these on paper so that A is always the highest point.



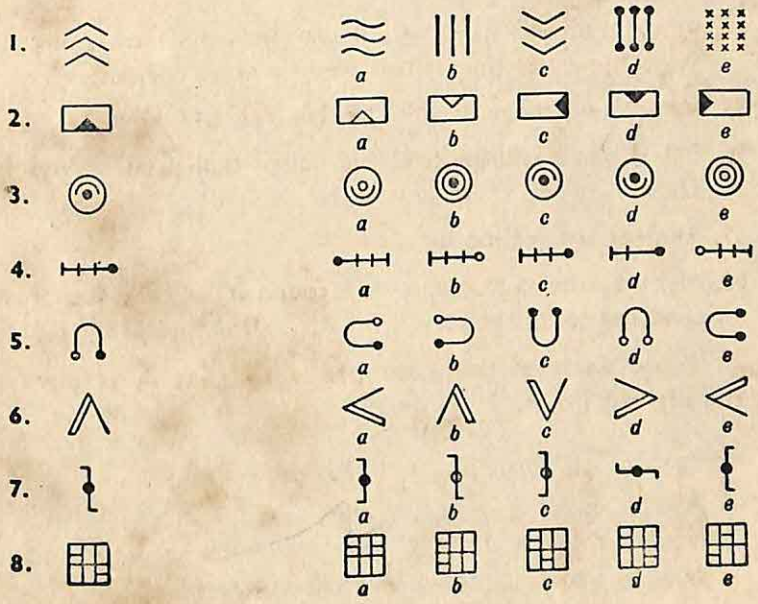
59. **60.** **61.** **62.** **63.** **64.**

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

From the drawings on the right-hand side below choose the one which is similar to the single one on the left. Point out your answer by naming the drawing as a, b, c, d or e.



Explain very briefly why it is that people :

9. Go to the barber's.

10. Wear a kilt.

11. Wear a top-hat.

12. Go for walks.

13. Study.

14. Roll up their sleeves before getting down to work.

15. Collect coins with holes in them.

16. Buy moth-balls.

17. Put a crease in their trousers.

In the following passage put a suitable word in each blank where there is a number :

In —**18**—, the leaves begin to fall and —**19**— arrive which blot out the landscape. London suffers —**20**— from these, sometimes the —**21**— being only two yards. But there are compensations : —**22**— grows in abundance, and from it we get —**23**— and cider.

Answer the following :

24. If you had to roll a penny and a sixpence over a distance of a foot, which coin would have to make the most complete rolls?

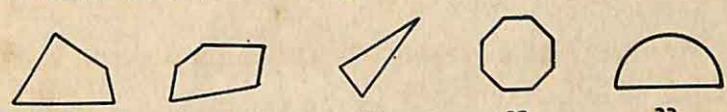
25. A window in a house faces east. When the sun shines through, it shines on the wall opposite. In which direction does the outside of this wall face?

26. A clock reads five minutes past four. What time would it show if the hour hand were where the minute hand is now, and the minute hand remained where it is?

27. A boy looking at his reflection in a pool saw a girl looking over what appeared to be his left shoulder. Was she really looking over his left shoulder?

28. It was June 6th. The vicar said he could not attend the council-meeting on June 25th, as he had a funeral to conduct. How did the council know that the vicar's statement was wrong?

Draw the following figures on your paper, and by drawing a dotted line, show how each can be cut by a single straight line so that a three-sided figure remains. Shade in the three-sided figure.



29. **30.** **31.** **32.** **33.**

Read this and then answer the questions at the end.

Four towns A, B, C, and D have the following populations:
A and B together have 13000.
C and D together have 9000.
D, alone, has a third of A and C together.
C and A together have 12000.

34. What is A's population? **35.** B's? **36.** C's? **37.** D's.

If the following pairs of words are related, write V: if not, write Y: if they have opposite meanings, write Z.

38. book cover. **39.** teacup cloth. **40.** great powerful.
41. vapour steam. **42.** bark yap. **43.** elf fairy.
44. din dim. **45.** black white. **46.** low high.
47. twin trio. **48.** up down.

A man wrote the following on the inside of the windscreen of his car. He intended the public to read them rightly. Write down, in each case, what the public would see.

49. M88 **50.** 0H0 **51.** 10F **52.** M.O.I. **53.** XIX **54.** K9J **55.** 80N08

If any one of the following is a human drink, write FOOD : if it is a food, write DRINK. If it can be either, write NEITHER ; if neither, write EITHER.

56. chocolate. **57.** milk. **58.** water. **59.** oatmeal.

60. lemonade. **61.** dumpling. **62.** ice. **63.** cotton.

64. cabbage. **65.** straw.

Answer these :

66. If I stood on the lowest step of a ladder and there were five more steps to the mid-way step, how many steps were there in the ladder?

67. If a ship can get out of harbour two hours before and two hours after high tide, what is the latest it must leave, if high tide is at 4 p.m.?

68. A man said he had invented a liquid that would dissolve anything. Why is this ridiculous?

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

Here is a row of letters and underneath is written a row of numbers. Each letter is represented by the number set exactly underneath it. Now answer the questions set below

D	E	T	R	O	P	M	A	S	Q	U	K	H	I	G
3	4	11	13	2	20	15	21	5	7	6	16	14	9	10

1. What is the number that represents the fourth letter of the row?

2. Add together the two numbers that represent S and M.

3. Subtract the answer to question 2 from the number that represents A.

4. What letter is exactly half-way in the row?

5. What word do the numbers 15 9 5 4 13 represent?

6. Add up the numbers that represent the word RETREAT.

7. Make up a four-letter word from the letters that are represented by the first six odd numbers in the row.

8. What is the number left after the number representing the third last letter in the row is subtracted from the sum of the numbers representing the third and seventh letters in the row?

9. What letter is represented by the third odd number in the row?

10. What letter is represented by the second highest number?

The following are towns and cities in Great Britain. Fill in the necessary letters in the blank spaces, from those in brackets.

Example : P–R–H (T, E). **Answer :** PERTH.

11. CA–D–F– (F, R, I).
12. –LA–GO– (S, G, W).
13. Y– –K (R, O).
14. D–N–E– (D, E, U).
15. O–F–RD (O, X).
16. SW– –SE– (A, A, N).
17. –OU–H–M–T–N (T, S, P, A, O).
18. –AN–H– –T–R (E, M, C, E, S).

Pick out the word from those in brackets which is related to the one outside the brackets.

Example : Horse (cow, pig, hen, mare, goose). **Answer** is mare, **because mare is a female horse.**

19. Sweet (ugly, coal, sugar, meat, pear).
20. Portrait (gatepost, picture, harbour, health, show).
21. Ireland (Amsterdam, Poplar, Norway, Europe, Churchill).
22. Ceylon (planet, town, train, island, woman).
23. Strawberry (chestnut, plum, oak, turnip, potato).
24. Red (purple, blue, green, crimson, yellow).
25. Mistake (foresee, discharge, error, steal, remove).

26. **Answer this :**

A man stood looking at a photograph. He turned to his companion and said, "I have no brothers or sisters, yet that man's father is my father's son." Whose photograph was it?

Choose from the words in brackets the correct one which answers the question that comes before the brackets.

27. Which word has the least vowels? (meat, fight, scene).

28. Which has the most consonants? (elbow, energy, reason).

29. Which is the darkest? (red, yellow, violet, orange, purple).

30. Which has most legs? (frog, sparrow, spider, caterpillar).

31. Which is the oldest? (youth, baby, adult).

32. Which time is nearest to noon? (9 a.m., 11 p.m., 2 p.m.).

From the following groups of words write down the two words that are related in each group.

Example : table, hen, fish, knife, wood. **Answer is** table **and** wood.

33. orange, kidney, sunset, apple, tent.

34. tree, help, helm, prow, green.

35. glad, sad, mellow, happy, medium.

36. cat, soap, treacle, salt, honey.

37. paddle, swim, oar, boat, fish.

38. string, twist, reel, twine, coin.

39. coal, corn, fuel, steel, brick.

40. wood, thrush, lark, nest, beak.

In a certain code the word LANCHESTER is written 7234681589, 7 standing for L, 2 for A, 3 for N, and so on. The following have been written in this code and you have to find what words they are.

41. 4629781 **42.** 98246 **43.** 1582756 **44.** 5981181

45. 42327 **46.** 5821 **47.** 821589 **48.** 32527 **49.** 15827

What would be the code figures for each of the following?

50. ESTHER. **51.** HEALTH. **52.** TEACHER.

53. SLANT. **54.** CHANTS.

Answer the following questions:

55. If South-West is opposite to North-East, what is the opposite of North-West?

56. West-North-West? **57.** West-South-West?

58. North-North-West? **59.** South-South-West?

60. What relation is my uncle's daughter to me?

61. If John is on the right of Harry and on the left of Tom, who is in the middle?

62. If A, B, C are the points of a triangle, and AC and AB are two of its sides, what is the name of the third side?

63. If I held up the words TIM, OXO, MAT to a mirror, what words would I see?

If in each of the following words the letters O, E and S occur, write down X: if none of these occurs, write Y. If O and S but not E occur, write Z. If O and E occur but not S, write W.

64. CANOE. **65.** SHOES. **66.** FOOTBALLS.

67. RENOWN. **68.** SOUNDED. **69.** POSITION.

70. HOPEFUL.

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

Answer these questions set on the numbers given below :

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

1. Write down the third largest odd number given above.
2. Write down the number exactly half-way between 5 and 13.
3. Add all the even numbers together except the last but one.
4. Add the last three odd numbers.
5. Subtract the answer to question 4 from the answer to question 3.
6. Add up the numbers with two figures.
7. Subtract from the answer to question 6 the sum of the first five figures in the row.
8. Write down two other figures which added together make the same as the sum of the fifth and ninth figures.
9. Which single figure occurs the most often in 154, 815, 325, 428?
10. Which single figure occurs the least often in 347, 227, 418, 148?

In each of the following sets of words one is unrelated to the rest in meaning. Write down these unrelated words in each set.

Example : HIT, SMACK, KNOCK, CALL, BLOW.

Answer is : CALL **because, although all the other words are related in some way,** CALL **is not.**

11. GERMANY, HOLLAND, ASIA, RUSSIA, SPAIN, FRANCE.

12. FOOTBALL, RICKETS, CRICKET, HOCKEY, CROQUET, TENNIS.

13. MEAT, HEAT, SEAT, FEET, TREAT, BEAT.

14. DUBLIN, DURHAM, LONDON, DEAL, DEVIZES, DOVER.

15. PANSY, VIOLET, DAISY, LILAC, SNOWDROP, BUTTER-CUP.

By altering the order of the letters in each of the following words, make up another new sensible word.

Example : PACE **can be altered to** CAPE.

16. SEAT. **17.** PEAR. **18.** TAME. **19.** ART. **20.** EAR.

The following groups of letters stand for the words DIG, PET, NIP, PAN, GET, TIP, but not in that order. For example SXY stands for NIP. Now work out the rest.

21. YQS. **22.** MXF. **23.** SXY. **24.** YHL. **25.** LXY. **26.** FHL.

From the list below write down the word which should go with each of the words in the numbered questions :

crackles, roars, hums, rattles, hisses, cracks, creaks, howls, gobbles, chatters, grunts, mews.

27. cat **28.** lion **29.** car **30.** train **31.** turkey **32.** pig
33. fire **34.** wind **35.** snake **36.** monkey **37.** whip **38.** door

Something is "wrong" in each of the following sentences. Write down the "wrong" word in each sentence.

Example : Cats barked on the house-top. **Answer is** barked, **because cats do not bark.**

39. Each morning, as the sun set, he set out for home.

40. The bees were seen to be eating pollen from the flowers.

41. The "Tirania" was sunk in fifty fathoms off Carlisle.

42. The goods train stopped at Paddington to let off its passengers.

43. The fourth of the trio was the best singer.

44. It was late June and crocuses were carpeting the lawns.

45. Mrs. Smith, for eight years a widower, was to be married again.

Fill in the figures omitted from the following multiplication sums.

46.
```
  ..31
     4
 -----
 149.4
```

47.
```
  .32.
     3
 -----
 21..9
```

48.
```
  4.3
    7
 -----
  ..4.
```

49.
```
  .41.
     5
 -----
 22.70
```

Read this : John had a dog which he gave to Harry for a cricket bat which Harry had got for five shillings from his cousin. His cousin had bought the bat from his friend's father, Mr. Smith. Now answer these :

50. What has John now got? **51.** What did he have at first?

52. What was John's dog worth in money according to the exchange?

53. Was Mr. Smith Harry's cousin?

54. Does it say how much Harry's cousin had given Mr. Smith for the bat?

55. What has Harry now got?

56. What did he give in exchange?

Arrange the following in the natural ascending order.

57. elephant, cow, mouse, ant, sheep, cat.

58. scalding, tepid, warm, cold, freezing, hot.

59. gale, squall, breeze, wind, calm, typhoon.

60. eel, whale, porpoise, cod, salmon, shrimp.

61. bright, brilliant, clear, dark, overcast.

62. painful, agonizing, irritating, smarting.

Each of the numbers in the following sets increases by a certain amount. Write down the amount in each case.

Example : 2 3 4 5 6. **Answer is 1, because the numbers increase by 1 each time.**

63. 4 6 8 10 12 14

64. 3 6 9 12 15 18

65. $\frac{1}{2}$ $\frac{3}{4}$ 1 $1\frac{1}{4}$ $1\frac{1}{2}$ $1\frac{3}{4}$

66. 32 39 46 53 60

The following are like the sets above. Fill in the missing number.

67. 5 8 — 14 17 20

68. 9 — 25 33 41 49

69. $\frac{1}{8}$ — $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$

70. $1\frac{1}{3}$ $3\frac{2}{3}$ 6 $8\frac{1}{3}$ $10\frac{2}{3}$ — $15\frac{1}{3}$

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

Answer these questions on the Alphabet which is set below.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1. Which letter is as far from M as it is from U?
2. How many letters that come between D and L are contained in ELEPHANT?
3. Make up a word that contains the second vowel of STATION and the third and fourth consonants of DENMARK.
4. If G comes before J in the Alphabet, write H. If not, write C.
5. What is the letter at the beginning of the Alphabet that corresponds in place to S at the end?
6. What is the letter which follows the mid-way letter between I and U?
7. What is the second letter before the tenth letter of the Alphabet?
8. How many vowels are there altogether in FORGET and FORGIVE?
9. How many vowels come between the fifth and twentieth consonants of the Alphabet?

10. If there are more vowels than consonants in BLACKPOOL, write D : if not, write M.

Answer the following questions :

11. Three of these live in the water. Name them. (pigs, herring, eels, cats, owls, plaice.)

12. Three of these are the same colour. Name them. (grass, cloth, halfpenny stamp, sky, tree, fox.)

13. Write down two words meaning the same as SKETCH. (pull, draw, outline, yacht, take.)

14. Two of these are silver coins. Name them. (sixpence, penny, halfpenny, sovereign, half-crown.)

15. Write down the word that has the same meaning as HAPPY (glad, smile, sad, miserable, gloomy.)

16. Two of these do not grow in the open in this country. Name them. (greengage, orange, nuts, lemon, strawberry, celery.)

17. Which is the brightest? (gleaming, shining, dazzling, bright.)

18. Which are driven by steam? (motor-car, steamship, submarine, bicycle, train.)

Write down the word that is "different" from the others in the row.

Example : arm, leg, hand, stick. **Answer is** stick.

19. cat, pig, elephant, snail.

20. tiger, lion, horse, leopard.

21. poplar, oak, blackberry, lime.

22. first, fourth, single, tenth.

23. kitchen, storey, scullery, bedroom.

24. axe, shovel, milk, spade.
25. teacher, pupil, professor, tutor.
26. yours, ours, them, mine.
27. Snowdon, Nevis, Worcester, Everest.
28. 11 87 96 34½.
29. turpentine, oil, paint, paraffin.
30. see, look, touch, view.

If the two items in each of the following pairs are exactly alike, write F. If they are not, write G.

31. ***, **
32. 1+10, 1*10
33. 45+60, 45+60
34. A. I. SMITH, A. J. SMITH
35. WOOLEN, WOOLLEN
36. IXF, IXF
37. 18765, 18675
38. XXCX, XXCX
39. GEORGE VI, GEORGE IV
40. GHETTO, GHETO
41. SEMINARY, SEMINARY
42. cUp9, cUp6

Place the arithmetical signs that should go in the following sums :

Example : 5 6 2=9. **Answer is :** 5+6−2=9.

43. 5 6=30
44. 1 8 9=81
45. £6 1s. 0d. 11s. 1d.=£5 9s. 11d.
46. 117 8 19=106
47. 143 11=13
48. 1 6 7 14=0
49. 11s. 3d. 6s.=17s. 3d.
50. 1 lb. 6 oz.=10 oz.

Read through the following and then answer the questions at the end.

Jill and John go from Bewdley to Kidderminster to school. Dennis and Penny go from Arley to Stourbridge to school. Trevor and Gladys go from Stanklyn to Kidderminster to school. The half-day holiday at Kidderminster is on

Wednesday, and at Stourbridge on Thursday. Jill and Gladys do not like school.

51. Who go to Kidderminster to school?

52. Who goes from Arley to Kidderminster to school?

53. Where do the two children from Stanklyn go to school?

54. Who go to Kidderminster who like school?

55. Who go to school all day on Wednesday?

56. Who go to school all day on Thursday who like school?

57. Who goes to school all day on Wednesday who does not like school?

58. Who go to school all day on Thursday who do not like school?

59. Who from Bewdley likes school?

Find which sentence printed below is similar in meaning to the one in the question? Write the letter A, B, C, D or E, in answer to each question.

60. Pride goes before a fall.

61. The proof of the pudding is in the eating.

62. The looker-on sees most of the game.

63. You can lead a horse to water but you cannot make him drink it.

64. A soft answer turneth away wrath.

65. The early bird catches the worm.

A. To test a thing you must first experience it. B. People taking part in events often do not realise what they are doing. C. You can stop a quarrel by being polite. D. You cannot compel men to work beyond the limit of their endurance. E. You must be smart to catch opportunities. F. Over-confidence often catches one off one's guard.

INTELLIGENCE

One hour

Candidates are advised to attempt as many questions as possible. Questions, or parts of questions, may be answered in any order.

Here is a notice on Crewe Railway Station. Study it and then answer the questions below.

Train	Depart	From	To	Due to Arrive	Late	Passengers change at
A	8.15 a.m.	BIRMINGHAM	GLASGOW	10.12 a.m.	20 mins.	CREWE
B	10.5 a.m.	LONDON	EDINBURGH	4.4 p.m.	32 mins.	CARSTAIRS
C	1 p.m.	MANCHESTER	INVERNESS	2.2 p.m.	3 mins.	PERTH
D	2.3 p.m.	YORK	PRESTON	5.35 p.m.	26 mins.	CREWE
E	3.31 p.m.	CARLISLE	CARDIFF	7.21 p.m.	6 mins.	BIRMINGHAM

NOTE : Due to Arrive is the time due at CREWE.

1. What train from the North is over five minutes late?
2. At what time will train B arrive at Crewe?
3. Where do passengers for Inverness change?
4. Of all the trains due to arrive at Crewe, in which will the passengers not have to change at Crewe?
5. If it does not lose or gain, what time will train B arrive in Edinburgh, if Edinburgh is seven hours' distance away from Crewe?
6. What train is running across country?
7. At what time will this train reach Crewe?
8. Which train from South is under twenty-two minutes late?

9. At what time will it reach its destination if it is due at 2.12 p.m. and loses another thirty minutes after Crewe?

10. Which North-bound train is the least late?

The following is the key to a code: the first four vowels of the Alphabet are represented by 2, 3, 4, 5, and the first five consonants by 6, 7, 8, 9, 10. Now find out the words given in code.

11. 72103 **12.** 6584732 **13.** 628103 **14.** 9558 **15.** 599473

Give in the same code:

16. BEAD. **17.** FADE. **18.** COFFEE. **19.** DECIDE. **20.** CAFE.

A boy is born on 16th March, 1940. Now answer these questions.

21. How old will he be in years and months on the 16th March, 1949?

22. How old will he be in years and months on the 15th March, 1955?

23. How old will he be in years and months on the 12th June, 1961?

24. If he was born on a Wednesday, on what day will his birthday be in 1941?

25. In 1944?

26. His brother is two years two calendar months and a day older than he. On what date was he born?

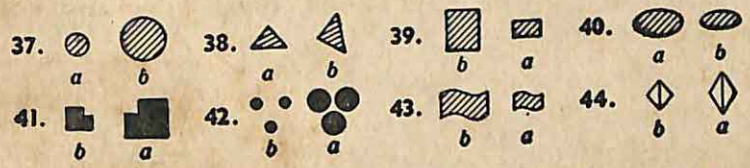
27. How old will his brother be in years and months on 1st May, 1948?

28. On what day of the week was his brother born, if New Year's Day in 1938 was on a Monday?

Give the correct word from those in brackets to complete the following passage :

29. (As, If, Were) I a king, I **30** (may, wish, would) go amongst my people and **31** (hear, learn, teach) their ways and customs, **32** (yet, but, for) I would get to know **33** (us, you, them) much **34** (worse, better, bigger) than if I stayed at **35** (castle, palace, home) and only **36** (read, hear, speak) about them in books.

Look at the following drawings. If you think that a. could be fitted into b., write X : if you think that a. is the bigger and that b. could be fitted into a., write S.



Choose from the words in brackets the one that RHYMES with the one outside the brackets.

Example : MEN (DREAM, PEN, MINE). **Answer is** PEN.

45. TREES (SLEEVE, KNEES, FIZZ).
46. RENT (REND, SEND, PENT).
47. PAGE (WEDGE, MIDGE, WAGE).
48. KILL (HILL, PALL, PULL).
49. HEART (START, HURT, HEARTH).
50. DRINK (DRANK, THINK, DRUNK).
51. GREET (GRATE, SLATE, PLEAT).
52. EAT (FEET, ATE, KATE).

Write down the letter that occurs the most often in each of the following. If the letter is in the first ten letters of the alphabet, add the word TEN after the letter.

Example : ELECT. **Answer is** E TEN.

Example : PUMP. **Answer is** P.

53. AFRICA.

54. I ATE SOME HONEY.

55. INDEED I WILL.

56. HKJHKGH.

57. SOON YOU WILL KNOW.

58. SISTER SUSIE.

59. RACE TO THE TERRACE.

60. PEPPER.

61. STARS SHINE AT NIGHT-TIME.

Answer the following questions :

62. How many balls of string would it take to reach the moon?

63. Why is it ridiculous for a man to say that he could not now walk all the way to work but only half the way and back?

64. A night-watchman coming off duty, told his employer that he had just dreamed that he had won a lot of money. Why was his employer angry?

65. If a man who had not made a will was dying, would his relatives send for the priest or a lawyer first?

66. If I walk backwards, am I walking in the same direction as I would be had I turned right round and walked?

67. Which is the heavier, a pound of lead or a pound of feathers?

68. My father has two brothers and my mother one brother and a sister. Only my father's brother has a child. How many cousins have I?

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